

AD-A106 241

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLOMBIA, CANADA. REVISED UNIFORM--ETC
JAN 72

UNCLASSIFIED

USAFETAC/US-81/036

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1 of 5
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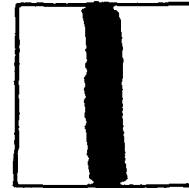


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DATA PROCESSING DIVISION
USAFETAC
Air Weather Service (MAC)

REVISED UNIFORM SUMMARY OF
SURFACE WEATHER OBSERVATIONS

FORT NELSON B C/MUSKWA DOT APT WBAN #25218
N 58 50 W 122 35 ELEV 1230 FT CYYE WMO #72945

PARTS A, C-F
POR FROM HOURLY OBS: JAN 57-DEC 66

JAN 17 1972

Recd - 20 Jan 72


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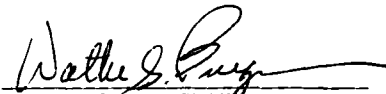
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USAFETAC/TST

FOR THE COMMANDER


WALTER S. BURGMANN
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DATA PROCESSING DIVISION
USAFSAC CM-1
AIR WEATHER SERVICE (MAC)

REVISED UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS

HOURLY OBSERVATIONS

Hourly observations are defined as those record or record-special observations recorded at scheduled hourly intervals.

DAILY OBSERVATIONS

Daily observations are selected from all data recorded on reporting forms and combined into Summary of the Day observations. (Selected from record-special, local, summary of the day, remarks, etc.)

DESCRIPTION OF SUMMARIES

Preceding each section is a brief description of the data comprising each part of the Revised Uniform Summary of Surface Weather Observations and the manner of presentation. Tabulations are prepared from hourly and daily observations recorded by stations operated by the U. S. Services and some foreign stations using similar reporting practices.

Unless otherwise noted the following summaries are included for this station:

PART A WEATHER CONDITIONS

ATMOSPHERIC PHENOMENA DATA NOT AVAILABLE

PART B PRECIPITATION DATA NOT AVAILABLE

SNOWFALL DATA NOT AVAILABLE

SNOW DEPTH DATA NOT AVAILABLE

PART C SURFACE WINDS

PART D CEILING VERSUS VISIBILITY

SKYCOVER

PART E DAILY MAX, MIN, & MEAN TEMP DATA NOT AVAILABLE

EXTREME MAX & MIN TEMP DATA NOT AVAILABLE

PSYCHROMETRIC DRY VS WET BULB

MEAN & STD DEV.
(DRY BULB, WET BULB, & DEW POINT)

RELATIVE HUMIDITY

PART F STATION PRESSURE

SEA LEVEL PRESSURE

STANDARD 3-HOUR GROUPS

All summaries requiring diurnal variations are summarized in eight 3-hour periods corresponding to the following sets of hourly observations: 0000-0200, 0300-0500, 0600-0800, 0900-1100, 1200-1400, 1500-1700, 1800-2000, 2100-2300 hours local standard time.

MISSING HOUR GROUPS

Summary sheets are omitted when stations maintaining limited observing schedules did not report certain three-hour periods for any particular month during the available period of record. Such missing sheets are listed below, and are applicable to all summaries prepared from hourly observations.

JANUARY _____

APRIL _____

JULY _____

OCTOBER _____

FEBRUARY _____

MAY _____

AUGUST _____

NOVEMBER _____

MARCH _____

JUNE _____

SEPTEMBER _____

DECEMBER _____

STATION NO ON SUMMARY		STATION NAME		LATITUDE		LONGITUDE		STATION ELEV (FT)		CALL SIGN		WMO NUMBER	
25218		FORT NELSON BC/MUSKWA DOT APT		N 58 50		W 122 35		1230		CYYE		72945	
STATION LOCATION AND INSTRUMENTATION HISTORY													
NUMBER OF LOCATION	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION		LATITUDE	LONGITUDE	ELEVATION ABOVE MSL		OBS PER DAY				
			FROM	TO			STATION (FT)	TYPE BAROMETER					
1	Fort Nelson B C/Muskwa DOT Apt	C	Jan 57	Dec 66	N 58 50	W 122 35	1230	N/A	24				
NUMBER OF LOCATION	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE							
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND								
1	Jan 57 to Dec 66	Not Available	N/A	N/A	N/A	Hourly surface observations on Magnetic tape from DOT Canada.							

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

A

PART A

WEATHER CONDITIONS

This summary is a percentage frequency occurrence of various atmospheric phenomena and obstructions to vision, derived from hourly observations, and is presented in two tables as follows:

1. By month and annual, all hours and years combined.
2. By month, all years combined, by standard 3-hour groups.

Occurrences of the various phenomena included in each category on the forms are listed below:

Thunderstorms - All reported occurrences of thunderstorm, tornado, and waterspout.

Rain and/or drizzle - All liquid precipitation, falling to the ground, not freezing.

Freezing rain and/or freezing drizzle (glaze) - Precipitation falling in liquid form, but freezing on contact with an unheated surface.

Snow and/or sleet - Included are snow, sleet, snow pellets (soft hail), snow grains, and ice crystals.

Hail - Occurrences of hail and small hail are included.

Percentage of observations with precipitation - Included in this category are the observations when one or more of the above phenomena occurred. Since more than one type of precipitation may be reported in the same observation, the sums of the individual categories may exceed the total columns.

Fog - Included are fog, ice fog, and ground fog.

Smoke and/or haze - Occurrences of smoke, haze, or combinations of smoke and haze are included.

Blowing snow - Occurrences of blowing snow (also drifting snow when reported from non-WEAN sources.)

Dust and/or sand - Included are blowing dust, blowing sand, and dust.

Blowing spray - This item if reported, is not shown in a separate category on this form but is included in the computation Percentage of Observations with Obstructions to Vision, below.

Percentage of observations with obstructions to vision - Included in this category are the observations when one or more of the above obstructions to vision occurred. Since more than one type of obstruction may be reported in the same observation, the sums of the individual categories may exceed the percentage total columns. Also, although precipitation may reduce visibility, it is not considered an obstruction to vision for purposes of this summary; therefore, the percentage total of obstructions to vision need not reflect the total observations with reduced visibility.

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2521R FIFTY NELSON FC/MUSKWA GHT APT
STATION STATION NAME

57-66
YEARS

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	ALL			.4	31.5		31.6	1.6	.4	.1		2.2	7439
FEB			.2	.1	29.2		29.5	.9	.0	.1		1.0	6768
MAR			.1	.1	25.1		25.2	.7		.1		.9	7440
APR			2.7	.0	11.5	.0	13.8	.7		.1		.8	7200
MAY		.2	9.0	.1	4.9	.0	13.1	1.6	.0			1.7	7440
JUN		1.4	11.0		.1		11.8	2.5	.5			3.0	7194
JUL		2.4	11.0			.0	11.0	3.7	2.9			6.4	7439
AUG		1.0	12.0		.0	.0	12.0	4.7	3.8			8.5	7440
SEP		.0	11.6		1.5		12.6	7.5	.1			7.6	7200
OCT			3.4	.7	10.0		13.9	3.2	.0	.1		4.0	7440
NOV			.2	.6	29.0		29.6	2.9	.0	.1		3.0	7200
DEC				.4	30.5		30.9	1.7		.3		2.0	7440
TOTALS		.4	5.2	.2	14.4	.0	19.6	2.7	.6	.1		3.4	87640

1 DATA PROCESSING DIVISION
2 USAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

2521-1 FLEET WILSON BC/MUSKWA OUT APT 57-66 JAN
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
JAN	00-02			.1	31.5		31.5	1.1	1.1	.2		2.4	929
	03-05			.2	31.5		31.5	2.3	.4			2.7	930
	06-08			.3	31.5		31.5	2.0	.5	.1		2.7	930
	09-11			.3	29.2		29.5	3.0	.1	.4		3.5	930
	12-14			.6	31.3		31.6	1.6		.4		2.0	930
	15-17			.6	30.4		30.4	1.0				1.6	930
	18-20			.6	32.6		32.6	.8	.3			1.1	930
	21-23			.3	33.7		33.8	1.2	1.0			1.9	930
TOTALS				.4	31.5		31.6	1.6	.4	.1		2.2	7439

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

25211 101 T HUSKIN RD/MUSKOGEE APT
STATION STATION NAME

57-66

YEARS

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS.
FEB	00-02		.4	.1	29.0		29.3	.0				.8	846
	03-05		.4	.2	31.4		31.9	1.1	.1			1.1	846
	06-08				28.0		28.8	1.3				1.3	846
	09-11			.2	33.9		34.2	2.1				2.1	846
	12-14				29.6		29.6	.7		.1		.8	846
	15-17		.2		26.5		26.7	.5		.4		.8	846
	18-20		.2		27.0		27.2	.6		.4		.9	846
	21-23		.2	.2	27.7		27.9	.2		.1		.4	846
TOTALS			.2	.1	29.2		29.5	.9	.0	.1		1.0	6768

DATA PROCESSING DIVISION
USAF ETA
AIR WEATHER SERVICE/JAC

WEATHER CONDITIONS

25217 FORM 10-5 (OL-1) C/PLSK-101 T APT
STATION STATION NAME

57-66

YEARS

AR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
1-10	00-02				26.0		26.0	.4				.4	930
	03-05		.1	.1	26.0		26.0	1.0				1.0	930
	06-08		.3	.1	31.4		31.7	1.0				1.6	930
	09-11		.1	.3	31.4		31.5	1.1		.1		1.2	930
	12-14		.3		21.0		21.2	.4		.1		.5	930
	15-17				17.2		17.2	.3				.3	930
	18-20				19.6		19.6	.3		.4		.6	930
	21-23				24.5		24.5	.3		.2		.5	930
TOTALS			.1	.1	25.1		25.2	.7		.1		.8	7440

ATA PROCESSING DIVISION
SAFETY
INSTRUMENT RESEARCH

WEATHER CONDITIONS

524 STATION NAME: 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LAST	THUNDER STORMS	RAIN AND/OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND/OR SAND	% OF OBS WITH OBS TO VISION	TOTAL NO. OF OBS
0-02			2.2		11.2		13.2	1.3				1.6	900
3-05			2.3		13.0		15.6	1.2				1.3	900
6-08			2.7	.1	15.0		17.7	1.1				1.1	900
9-11			3.1		14.0	.1	16.7	.1				.1	900
12-14			2.6		9.4		11.6						900
15-17			3.3		6.2	.1	11.1	.3				.3	900
18-20			2.9		2.0		11.4	.7				.7	900
21-23			2.6		10.2		12.7	.8		.1		.9	900
TOTALS			2.7	.1	11.5	.0	13.8	.7		.1		.8	7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

WEATHER CONDITIONS

25210 STATION
PORT JESU, LC/HUSKIN OUT APT

57-66

YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LST	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
AY	0-02	.1	10.1		6.2		15.6	2.2	.2			2.4	930
	03-05		8.0	.3	5.4		13.3	5.4				3.4	930
	06-08		6.9	.2	2.7		14.2	2.9				2.9	930
	09-11	.1	9.6		6.1		14.3	1.1				1.1	930
	12-14	.5	8.5		4.1		11.7						930
	15-17	.3	9.1		3.1		11.6	.3				.3	930
	18-20	.5	9.5		2.3		11.1	.2				.2	930
	21-23	.2	10.9		3.3	.1	13.2	1.0	.1			1.1	930
TOTALS		.2	9.0	.1	4.9	.0	13.1	1.6	.0			1.7	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/TAC

WEATHER CONDITIONS

2521R FORT BELLEVILLE/ROSKAM DET APT

57-66

JUN

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JUN	00-02	.2	11.2				11.2	2.7	.2			2.9	900
	03-05	.2	11.6				11.6	7.4	.3			7.9	900
	06-08	.1	10.9		.4		11.0	4.0	.3			4.7	900
	09-11	.6	11.7				13.7	1.9	.6			2.4	900
	12-14	2.4	12.0				12.0	1.2	.6			1.7	899
	15-17	3.0	12.2				12.2	.8	.7			1.4	897
	18-20	2.9	12.7				12.7	.8	.7			1.4	898
	21-23	1.6	11.6				11.8	.9	.7			1.6	900
TOTALS		1.4	11.8		.1		11.8	2.5	.9			3.0	7194

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

2521
STATION

FORT WILSON BC/MASKANA DET APT
STATION NAME

57-66

YEARS

JUL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
1	00-02	1.1	10.6				10.6	4.2	2.0			6.1	930
	03-05	.2	11.7				11.2	9.0	3.2			11.7	930
	06-08	.2	9.7				9.7	7.0	4.1			10.5	930
	09-11	.3	10.0				10.0	3.1	3.5			6.3	930
	12-14	3.4	10.4				10.4	1.8	2.9			4.6	929
	15-17	4.0	10.5				10.5	1.1	2.9			4.0	930
	18-20	5.1	12.4			.1	12.4	1.3	2.6			3.0	930
	21-23	4.1	13.5				13.5	2.2	2.3			4.3	930
TOTALS		2.4	11.0			.0	11.0	3.7	2.9			6.4	7439

2

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

WEATHER CONDITIONS

25210

FORT WILSON LC/MUSKWA UNIT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST. TO VISION	TOTAL NO. OF OBS
AUG	0-02	.5	12.3		.1		12.3	6.0	2.3			8.3	930
	03-05	.4	11.5				11.5	12.2	3.9			15.7	930
	06-08	.4	12.5				12.5	9.6	6.2			15.6	930
	09-11		12.4				12.4	3.0	5.3			8.1	930
	12-14	.4	11.4				11.4	1.5	4.0			5.5	930
	15-17	1.8	12.2			.1	12.2	.8	3.4			4.2	930
	18-20	1.9	10.3				10.3	1.6	2.9			4.5	930
	21-23	2.5	13.7				13.7	3.1	2.6			5.7	930
TOTALS		1.0	12.0		.0	.0	12.0	4.7	3.8			8.5	7440

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

WEATHER CONDITIONS

25214

FORT NELSON BC/HUSKWA INT APT

57-66

SEP

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING- RAIN & OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
SEP	00-02		11.1		1.0		12.0	10.0	.3			10.3	900
	03-05		12.7		2.0		14.0	16.0				16.0	900
	06-08		13.4		1.6		14.3	18.7				18.7	900
	09-11		11.2		1.6		12.7	7.7	.2			7.8	900
	12-14		10.7		2.0		12.2	1.9	.1			2.0	900
	15-17	.3	11.0		1.2		11.8	.6				.8	900
	18-20		10.1		1.1		11.1	1.7				1.7	900
	21-23		11.4		1.1		12.6	3.3				3.3	900
TOTALS		.3	11.6		1.5		12.6	7.5	.1			7.6	7200

DATA PROCESSING DIVISION
ISAF ETAL
AIR EATER SERVICE/AC

WEATHER CONDITIONS

57-66

CT

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS LAST	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS
JAN	10-02		3.1	1.0	9.7		13.5	6.1	.1			6.1	930
	3-05		3.1	1.1	9.0		13.0	8.9				6.9	930
	6-08		3.4	1.3	10.2		14.7	7.3				7.3	930
	9-11		3.4	.4	12.6		15.7	3.7				3.7	930
	12-14		4.7	.1	11.3		15.4	1.1		.2		1.3	930
	15-17		4.3	.5	8.3		13.1	1.2		.2		1.4	930
	18-20		4.5	.4	8.5		12.7	2.3				2.3	930
	21-23		2.3	.6	9.0		12.7	2.9		.3		3.2	930
TOTALS			3.5	.7	10.0		13.9	3.9	.0	.1		4.0	7440

2

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAG

WEATHER CONDITIONS

25216 FORT BELLEVILLE MC/MSKWA INT ART 57-66 07V
STATION STATION NAME YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (L.S.T.)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & /OR DRIZZLE	SNOW AND/OR SLEET	HAIL	% OF OBS WITH PRECIP.	FOG	SMOKE AND/OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO. OF OBS.
01-02	00-02		.3	.4	27.4		27.1	4.6		.3		4.9	900
	03-05		.1	.8	28.0		28.7	4.9		.3		5.2	900
	06-08		.3	1.0	30.0		31.0	4.3				4.3	900
	09-11			.7	33.0		33.7	2.3				2.3	900
	12-14			.6	30.8		31.3	.9				.9	900
	15-17		.1	.4	26.1		26.7	.6				.8	900
	18-20		.3	.3	27.7		28.2	2.0	.1			2.1	900
	21-23		.1	.6	29.1		29.3	3.4		.1		3.6	900
TOTALS			.2	.6	29.0		29.6	2.9	.0	.1		3.0	7200

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

WEATHER CONDITIONS

25219

FORT NELSON BC/AUSKAWA OUT APT

57-66

FEC

STATION

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE OF WEATHER
CONDITIONS FROM HOURLY OBSERVATIONS

MONTH	HOURS (LST)	THUNDER- STORMS	RAIN AND OR DRIZZLE	FREEZING RAIN & OR DRIZZLE	SNOW AND OR SLEET	HAIL	% OF OBS WITH PRECIP	FOG	SMOKE AND OR HAZE	BLOWING SNOW	DUST AND OR SAND	% OF OBS WITH OBST TO VISION	TOTAL NO OF OBS
DEC	0-02			.4	32.0		32.4	2.0		.1		2.2	930
	03-05			.5	30.6		31.1	1.5		.2		1.7	930
	06-08			.4	29.0		29.4	1.2				1.2	930
	09-11			.1	30.1		30.2	2.3		.1		2.4	930
	12-14			.2	32.5		32.6	1.5		.0		2.4	930
	15-17			.2	26.1		26.2	1.1		1.0		2.0	930
	18-20			.6	30.2		30.4	1.8		.2		2.0	930
	21-23			1.0	31.7		32.4	2.3				2.3	930
TOTALS				.4	30.5		30.9	1.7		.3		2.0	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART C

SURFACE WINDS

Presented in this part are various tabulations of surface winds as follows:

DATA NOT AVAILABLE

1. Extreme Values - Peak Gusts: Derived from daily observations and presented by individual year and month for the entire period of record available. Speeds are presented in knots, while directions are given in 16 compass points from the beginning of record through 1963, and in tens of degrees starting in January 1964. When 90% or more of the daily observations of peak gust wind data are available for a month, the extreme is selected and printed. These values are then used to compute means and standard deviations for the entire period. Every month of a year must have valid observations present before the ALL MONTHS value is selected for that year. Means and standard deviations are computed when four or more values are present for any column. A supplementary list of Peak Gusts by year-month with < 90% observations reported is also provided.

NOTE: According to Circular N specifications, "peak gust data are recorded only at stations with continuous instantaneous wind-speed recorders."

2. Bivariate Percentage Frequency Tabulations: Derived from hourly observations, these tabulations are a percentage frequency of wind directions to 16 compass points and calm by wind speeds (knots) in increments of Beaufort classifications. Percentages are shown by both direction and speed, and in addition the mean wind speed for each direction.

A separate category is provided on the form for variable winds, which are reported in some data sources. In these data where light and variable winds are reported with no directions but with speeds given, the speeds will be summarized in the appropriate groups opposite the column headed VARIABLE.

- a. Three tables are prepared for all surface winds included, and for all years combined as follows:

- (1) Annual - all hours combined
- (2) By month - all hours combined
- (3) By month - by standard 3-hour groups

- b. A separate annual table is also presented for surface winds meeting the following ceiling and visibility conditions: INSTRUMENT CLASS: Ceiling 200 through 1400 feet inclusive with visibility equal to or greater than 1/2 mile, and/or visibility 1/2 through 2-1/2 miles inclusive with ceiling equal to or greater than 200 feet.

2

DATA PROCESSING DIVISION
ETAG/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION NAME POINT NELSON BC/MUSKWA DDT APT 57-66 YEARS ALL MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.4	2.3	.8	.1	.0						9.1	5.7
NNE	1.5	1.2	1.0	.3	.0	.0						4.0	5.5
NE	1.9	1.1	.4	.1	.0							3.5	4.2
ENE	.7	.4	.2	.0								1.3	4.4
E	1.4	.7	.4	.0	.0		.0					2.4	4.2
ESE	.9	.7	.6	.1								2.3	5.2
SE	2.5	1.4	.7	.1	.0							4.3	4.3
SSE	1.0	1.0	.4	.1	.0							3.1	4.3
S	5.4	3.5	1.0	.1	.0							10.0	4.0
SSW	2.7	2.3	1.0	.1								6.0	4.5
SW	3.0	1.4	.7	.1	.0							5.1	4.1
WSW	.9	.5	.4	.2	.0	.0						2.1	5.5
W	1.0	.8	.7	.4	.0	.0	.0					3.6	5.8
WNW	.7	.7	1.0	.8	.1	.0	.0					3.4	5.1
NW	4.0	1.8	2.0	.9	.1	.0	.0					6.8	6.6
NNW	1.1	2.2	3.1	1.5	.1	.0						8.7	7.4
VARBL												23.2	
CALM													
	31.7	22.5	15.9	5.5	.4	.1	.0					100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 37642

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25210 STATION NAME FORT NELSON BC/MUSKWA DUT APT YEARS 57-66 MONTH JAN
CLASS ALL WEATHER HOURS (LST) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.2	2.1	.6	.0	.0						8.5	5.7
NNE	1.4	1.0	.5	.2								3.0	4.9
NE	2.2	.6	.3	.1								3.3	5.8
ENE	.3	.1	.0									.4	3.3
E	.8	.1	.0									1.0	3.0
ESE	.4	.2	.0									.6	3.3
SE	1.6	.5	.1									2.2	3.2
SSE	1.4	.4	.0									1.6	3.2
S	6.0	2.5	.9	.0								8.4	3.7
SSW	4.4	2.2	.9	.0								7.5	3.9
SW	4.6	1.2	.3	.0								6.7	3.3
WSW	1.2	.2	.0	.0								1.5	3.1
W	1.5	.2	.1	.0	.0							1.8	3.1
WNW	.7	.2	.2	.1	.1							1.3	3.3
NW	2.1	1.6	1.4	.3	.0							5.5	3.4
NNW	1.4	2.3	3.2	1.1	.0	.0						8.5	6.9
VARBL													
CALM												37.5	
	34.2	15.5	10.1	2.5	.1	.0						100.0	2.5

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/FTAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

2521N STATION FORT NELSON BC/MUSKWA DUT APT STATION NAME 57-66 YEARS FEB MONTH ALL HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	4.1	2.6	.6	.1							12.8	5.1
NNE	2.1	1.4	1.0	.1	.0							4.7	4.8
NE	2.0	.8	.1	.0								2.8	3.3
ENE	.6	.2	.0									.8	3.3
E	1.3	.2	.0									1.5	3.0
ESE	.8	.4	.1									1.3	3.8
SE	2.8	1.0	.2	.0								4.0	3.4
SSE	1.6	.5	.1									2.2	3.3
S	5.2	2.8	.5	.0								3.6	3.6
SSW	2.5	2.5	1.1	.1								6.2	4.6
SW	3.3	1.4	.7	.1								5.4	3.9
WSW	1.0	.4	.2	.1								1.8	4.6
W	1.3	.4	.4	.2	.0							2.2	4.7
WNW	.5	.3	.5	.3	.1	.0						1.7	7.5
NW	2.0	.9	1.0	.4	.1	.0						4.4	6.1
NNW	2.4	2.4	2.7	1.3	.1	.0						9.0	6.7
VARBL													
CALM												30.4	
	34.6	19.8	11.3	3.3	.4	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 6768

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20210 STATION FORT NELSON BC/40SKWA OUT APT 57-66 YEAR MONTH
 ALL WEATHER CLASS ALL HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	3.9	4.7	1.0	.1							13.9	6.1
NNE	2.1	2.0	1.9	.3								6.3	5.5
NE	2.0	1.5	.7	.0								4.6	4.1
ENE	1.6	.4	.2									1.8	3.7
E	1.7	.8	.5	.0								3.0	4.0
ESE	1.3	1.0	.9	.0								3.2	5.0
SE	2.8	1.0	.8	.1								5.4	4.4
SSE	1.5	1.1	.3	.0								2.0	4.0
S	3.4	2.9	1.1									7.3	4.3
SSW	1.9	1.0	1.1	.0								4.6	4.8
SW	2.1	1.1	.4	.1	.0							3.1	4.3
WSW	.0	.3	.3	.2	.0	.0						1.7	5.4
W	1.7	.4	.3	.2	.0	.0						1.9	5.4
WNW	.6	.2	.6	.4	.1	.0						1.8	8.1
NW	1.7	1.3	1.2	.5	.1	.0	.0					5.0	6.2
NNW	1.0	2.5	3.7	2.1	.1							10.0	7.7
VARBL													
CALM												22.7	
	30.6	22.4	18.7	5.1	.4	.1	.0					100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR FORCE SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521 STATION NAME: FORT WILSON AC/USKAA DUT APT 57-66 DAY MONTH ALL
 CLASS ALL
 HOURS (LST)

CONDITION

SPEED (KNOTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.8	3.1	1.1	.1	.0						9.1	6.5
NNE	1.7	1.6	2.1	.6	.0							6.7	6.3
NE	2.0	2.0	1.0	.3								5.3	5.1
ENE	1.2	.8	.7	.1								2.8	5.1
E	1.0	1.4	1.1	.2								4.3	5.3
ESE	1.2	1.3	1.5	.4								4.4	6.3
SE	2.3	2.0	1.1	.5	.1							6.0	5.5
SSE	1.2	1.4	.8	.1	.0							3.5	5.2
S	3.1	2.0	1.1	.2								7.0	4.6
SSW	1.5	1.3	.9	.1								3.4	5.0
SW	2.0	1.3	.7	.2	.0							4.2	4.9
WSW	.8	.7	.7	.5	.1							2.7	6.8
W	1.2	.9	1.1	.9	.1	.0						4.2	7.4
WNW	.7	1.0	1.6	1.2	.2	.1						4.8	8.7
NW	1.6	2.1	2.7	1.3	.1	.1						7.8	7.5
NNW	1.5	2.0	3.0	2.1	.2							9.4	8.0
VARBL													
CALM												13.7	
	20.2	25.5	23.7	9.9	.9	.2						100.0	5.4

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 AFAT/USAF
 AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20210 STATION FORT NELSON BC/HUSKWA QUIT APT 57-66 YEARS JUN
 STATION NAME MONTH
 ALL WEATHER CLASS ALL
 CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	2.2	1.7	.9	.0							7.2	6.1
NNE	1.2	1.3	1.2	.2								3.9	5.6
NE	2.0	1.6	.9	.1								4.7	4.7
ENE	.9	.8	.6	.0								2.2	5.2
E	1.9	1.5	.9	.1								4.4	5.0
ESE	.4	1.0	1.0	.2								3.1	5.9
SE	3.1	1.6	1.2	.2								6.4	4.6
SSE	1.7	1.5	.5	.1								3.9	4.7
S	4.4	2.9	.7	.2								8.1	4.1
SSW	1.0	1.7	.8	.1								4.4	4.8
SW	2.0	1.4	.7	.1	.0							4.3	4.7
WSW	.9	.6	.6	.5	.0							2.6	6.3
W	2.0	1.6	1.3	1.0	.1	.0						6.1	6.6
WNW	.0	1.1	1.7	1.7	.2	.1	.0					5.6	9.0
NW	1.9	2.7	2.7	1.2	.2	.0						8.7	6.9
NNW	1.5	1.8	2.7	1.7	.0	.0						7.8	7.7
VARBL													
CALM												16.8	
	29.2	25.6	19.3	8.4	.6	.1	.0					100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 7194

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON RC/MUSKWA DDT APT 57-66 YEARS
 MONTH JUL
 CLASS ALL WEATHER
 CONDITION
 HOURS (L & T) ALL

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	2.0	.5	.0							6.4	5.9
NNE	.8	1.0	.8	.2								2.8	3.6
NE	1.5	1.1	.5	.0								3.1	4.4
ENE	.3	.6	.4	.0								1.3	5.4
E	1.4	.7	.3	.1	.0							2.5	4.3
ESE	.8	1.0	.6	.1								2.4	5.1
SE	2.9	2.0	.6	.1								5.6	4.2
SSE	1.7	1.4	.7	.1								3.8	4.7
S	5.1	3.7	.6	.0								9.4	3.9
SSW	2.1	2.1	.7	.1								5.1	4.6
SW	2.0	1.3	.6	.2								4.0	4.3
WSW	1.0	.9	.8	.2	.0							2.8	3.6
W	2.1	1.9	1.9	.7	.0	.0	.0					6.7	6.2
WNW	1.1	1.8	2.3	1.8	.2	.1						7.4	8.3
NW	2.2	2.3	3.7	1.7	.1							10.1	7.3
NNW	1.1	2.2	3.2	1.6	.0							8.1	7.7
VARBL													
CALM												17.4	
	28.4	26.1	19.8	7.3	.4	.1	.0					100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR - EAT ER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25218 STATION NAME FORT NELSON BC/MUSKWA DOT APT 57-66 YEARS MONTH AUG
CLASS ALL HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	2.4	1.7	.6								7.5	5.4
NNE	.9	1.0	.7	.3								2.9	3.8
NE	1.5	1.1	.3	.1								3.0	4.2
ENE	.8	.4	.2									1.4	4.0
E	1.4	.5	.3									2.2	3.7
ESE	.9	.7	.5	.2								2.2	3.2
SE	3.2	1.9	1.0	.1								6.3	4.4
SSE	2.7	1.2	.3	.0								3.6	4.1
S	5.6	4.3	1.2	.0								11.1	4.1
SSW	2.4	2.4	.8	.0								5.6	4.4
SW	2.4	1.5	.6	.1								4.5	4.2
WSW	.9	.6	.4	.2		.0						2.1	5.4
W	2.2	1.4	1.4	.4	.0							5.4	5.5
WNW	.7	1.1	1.8	1.1	.0							4.8	8.1
NW	2.4	2.3	3.3	1.5	.0	.0						9.6	7.0
NNW	1.6	2.1	3.8	1.6	.1							9.1	7.7
VARBL													
CALM												18.4	
	31.4	24.9	18.2	6.2	.2	.0						100.0	4.4

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
 HTAC/USAF
 AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521st STATION FORT WELSH HC/HUSKWA DUT APT 57-66 SEP
 STATION NAME CLASS MONTH
 ALL WEATHER ALL
 CLASS HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	2.1	1.4	.4	.1							6.6	4.3
NNE	1.1	.6	.6	.1	.0							2.5	5.2
NE	1.5	.6	.3	.0								2.4	3.8
ENE	.5	.3	.2									1.0	4.3
E	1.4	.6	.3	.0								2.3	4.0
ESE	1.1	1.0	.4	.1								2.6	4.7
SE	2.6	1.6	.8									5.0	4.2
SSE	2.1	1.4	.3	.1								3.8	4.1
S	7.0	5.3	.9	.1								17.3	4.0
SSW	3.1	3.1	1.0	.0								7.3	4.4
SW	3.2	1.6	.9	.0								5.7	4.1
WSW	1.0	.6	.4	.1								2.1	5.0
W	1.0	1.1	.9	.5	.1	.0						4.7	5.9
WNW	.9	1.0	1.2	1.2	.3	.1						4.7	8.8
NW	2.1	1.9	2.3	1.4	.2	.1						8.0	7.4
NNW	1.7	2.5	3.4	1.1	.0	.0						8.8	7.1
VARBL													
CALM												19.4	
	33.8	25.4	15.3	5.2	.7	.2						100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25210 STATION NAME FIRST NELSON BC/ROSKWA DIST APT YEARS 57-66 MONTH OCT
CLASS ALL WEATHER HOURS (L.S.T.) ALL
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.8	3.4	1.6	.5	.0							9.3	5.0
NNE	1.6	1.0	.5	.1								3.2	4.5
NE	2.1	.9	.2	.1								3.3	3.7
ENE	.5	.3	.1	.0								.8	4.4
E	1.8	.6	.1	.0	.0							2.2	3.7
ESE	.4	.5	.4	.0								1.8	4.8
SE	2.2	1.2	.5	.2	.0							4.1	4.5
SSE	1.4	.8	.5	.0								2.7	4.3
S	6.4	5.1	2.0	.0	.0							13.6	4.3
SSW	2.6	3.6	1.4	.1								7.8	4.8
SW	3.2	1.9	1.1	.1								6.3	4.4
WSW	.8	.6	.5	.2	.0							2.2	5.8
W	1.8	.7	.6	.3	.1		.0					3.5	5.2
WNW	.9	.5	.8	.6	.2	.1	.0					3.1	8.1
NW	2.3	1.7	1.2	.8	.1	.0						6.2	6.2
NNW	1.0	2.1	2.1	1.0	.1							7.2	6.9
VARBL													
CALM												22.0	
	33.7	25.1	13.7	4.1	.6	.1	.0					100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2.21 STATION PORT NELSON BC/MUSKWA BHT APT STATION NAME 57-66 YEARS ALL MONTH ALL
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	3.0	2.0	.3	.0	.0						7.7	4.9
NNE	1.7	1.0	.4	.1								3.1	4.2
NE	1.4	.5	.1									2.0	3.3
ENE	.3	.1										.6	2.9
E	.4	.2	.0									1.1	2.9
ESE	.6	.3	.0									1.0	3.3
SE	1.3	.6	.1									2.2	3.3
SSE	1.5	.4	.1									2.0	3.3
S	7.8	3.9	1.0	.0								12.8	3.7
SSW	3.4	2.5	1.0									7.4	4.2
SW	3.4	1.2	.3	.0								5.5	3.4
WSW	1.4	.2	.2	.1								1.7	4.2
W	1.2	.3	.2	.2	.0							2.0	4.8
WNW	.5	.4	.4	.1	.0							1.5	5.9
NW	2.4	1.8	1.5	.3	.1	.0						6.2	5.5
NNW	2.3	3.3	3.3	1.1	.0	.0						10.0	6.6
VARBL													
CALM												31.7	
	35.2	19.9	10.6	2.3	.2	.1						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 7200

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION NAME: POINT NELSON BC/MUSKWA DUT APT YEARS: 57-66
STATION: NORTH
CLASS: ALL WEATHER
CONDITION: ALL
HOURS (LST):

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	1.7	1.3	.4								6.9	4.9
NNE	2.0	1.1	.2	.1								3.3	3.8
NE	2.3	.6	.1									3.0	3.1
ENE	.5	.1										.6	2.9
E	.9	.1	.0				.0					1.0	3.1
ESE	.6	.1	.1	.0								.9	3.7
SE	1.9	.5	.1	.0								2.3	3.3
SSE	1.2	.3	.0									1.6	3.0
S	6.4	2.7	.7	.0								10.3	3.5
SSW	4.2	2.5	1.1	.1								7.9	4.2
SW	4.2	1.6	.6	.0								6.4	3.7
WSW	.9	.3	.0	.0								1.2	3.4
W	1.3	.2	.1	.0								1.9	3.2
WNW	.0	.4	.2	.1								1.3	3.0
NW	1.9	1.2	1.8	.2	.0	.0						5.1	5.6
NNW	1.6	1.6	3.0	1.5	.0	.0						7.8	7.5
VARBL													
CALM												38.3	
	34.7	15.1	9.4	2.6	.1	.0	.0					100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25215 STATION FORT NELSON 9C/MUSKWA OUT APT 57-66 YEARS JAN MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	1.4	2.9	.6								8.6	5.8
NNE	.6	.8	.5	.2								2.2	3.7
NE	1.3	.3	.2									2.0	3.4
ENE	.3	.1										.4	3.5
E	.6	.1										.8	2.0
ESE	.2											.2	3.0
SE	1.4	.3										1.7	2.8
SSE	1.0	.6	.1									1.7	4.1
S	6.1	2.8	.6									9.6	3.7
SSW	4.4	1.9	.8	.1								7.2	3.9
SW	6.2	1.8	.3									8.4	3.3
WSW	1.2	.3										1.5	3.1
W	1.2	.1										1.6	2.5
WNW	.6	.1		.1	.2							1.2	6.9
NW	2.7	1.5	1.7	.3								6.2	5.1
NNW	2.6	2.4	3.1	1.1								9.1	6.3
VARBL													
CALM												37.5	
	34.8	14.6	10.3	2.5	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR EATER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION FORT JELSON BC/MUSKWA OUT APT 57-66 YEARS JAN MONTH
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	2.0	1.8	.3								7.7	4.8
NNE	1.5	.8	.3									2.6	3.7
NE	2.5	.5	.3									2.9	3.6
ENE	.4											.4	3.0
E	.5	.2										.5	3.1
ESE	.5											.5	2.4
SE	.4	.5	.2									1.6	3.8
SSE	.4	.5										1.3	3.8
S	5.1	3.2	.8	.1								9.1	4.0
SSW	5.4	3.1	1.4									10.4	3.9
SW	5.3	2.0	.3									7.6	3.4
WSW	.4	.2										1.1	3.1
W	1.3											1.3	2.6
WNW	.4	.2	.4	.2	.1							1.4	7.7
NW	2.2	2.2	1.2	.1								5.6	5.0
NNW	1.0	2.7	2.3	1.5								8.1	7.0
VARBL													
CALM												37.4	
	32.4	18.3	9.0	2.3	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25215 STATION NAME FORT NELSON DC/MUSKOGEE RPT APT YEARS 57-66 MONTH JAN
CLASS ALL WEATHER HOURS (L.S.T.) 0600-0900
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.0	1.6	.1	.2							7.1	5.0
NNE	.5	1.4	.2	.1								2.3	5.1
NE	1.4	.6		.1								2.2	3.4
ENE	.3	.1										.4	3.3
E	.1	.1	.1									1.0	3.3
ESE		.4										.4	5.5
SE	1.6	.5	.2									1.0	3.9
SSE	.4	.3										1.2	3.3
S	7.1	2.2	1.7									11.3	3.9
SSW	6.1	2.5	1.5									10.0	4.1
SW	2.1	1.4	.4									6.2	3.3
WSW	1.6	.1										1.3	2.4
W	1.1											1.1	2.5
WNW	.3	.3	.4	.1								1.2	5.9
NW	1.7	1.9	2.0	.2								5.9	5.8
NNW	2.0	1.5	3.1	1.1	.1							7.8	7.0
VARBL													
CALM												38.1	
	32.1	15.8	11.4	1.7	.2							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 22210 STATION NAME FORT NELSON BC/MUSKWA COT APT YEARS 57-66 MONTH JAN
 CLASS ALL WEATHER HOURS 0900-1100
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	1.2	1.4	.3	.1	.1						6.0	5.9
NNE	1.7	.6	.2	.1								2.7	4.2
NE	3.1	.5	.1	.1								3.8	3.1
ENE		.1										.1	5.0
E	.3											.3	2.3
ESE	.1	.4	.1									.6	4.3
SE	1.8	.4	.1									2.4	3.4
SSE	1.2	.5										1.7	3.5
S	6.7	2.7	1.2									10.5	3.7
SSW	5.5	2.4	.6									8.5	3.7
SW	5.4	1.2	.2									6.6	3.0
WSW	.9	.5										1.4	3.2
W	1.8	.2										2.0	2.5
WNW	.2	.2	.5									1.3	5.3
NW	1.6	1.5	1.7	.8	.1							5.9	6.3
NNW	1.1	2.4	2.7	.9								7.5	6.7
VARBL													
CALM												38.5	
	33.4	16.2	8.9	2.2	.2	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 730

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION EAST NELSON BC/HUSKMA OUT APT 57-66 YEARS JAN MONTH
 CLASS ALL WEATHER 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	2.7	2.9	1.3								9.9	6.3
NNE	1.0	1.5	.6	.1								3.2	3.0
NE	3.1	1.1	.1									4.3	3.4
ENE	.6	.2										.9	2.9
E	1.3											1.3	2.6
ESE	.6	.1										.3	2.9
SE	3.4	.8	.1									4.3	3.0
SSE	2.4	.2	.1									3.5	3.1
S	7.5	3.1	.9									11.5	3.5
SSW	2.8	1.1	.4									4.3	3.5
SW	1.0	1.0	.1									2.9	3.4
WSW	1.5	.1										1.6	2.8
W	1.0	.6										2.3	3.2
WNW	.9	.1	.1	.1								1.2	4.4
NW	1.2	1.4	1.2	.6								4.2	6.6
NNW	.4	1.2	3.3	1.2	.1							7.0	8.0
VARBL													
CALM												36.9	
	34.2	15.8	2.9	3.3	.1							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
 AFM/USAF
 AIR CENTER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25211 STATION NAME POST HILSON AC/USKAC OUT CRT YEARS 57-66 MONTH JAN
 CLASS ALL WEATHER HOURS (LST) 1500-1700
 CONDITION _____

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	2.4	.1								9.3	5.7
NNE	3.2	1.4	1.1	.1								5.17	4.5
NE	3.3	.6	.4	.1								4.6	3.8
ENE	.4											.4	3.0
E	1.4	.3										1.7	3.2
ESE	.2											.2	2.0
SE	2.0	.6										2.4	3.1
SSE	1.6	.3										2.2	2.0
S	5.1	1.7	.5									7.3	3.5
SSW	3.7	1.5	1.0									5.5	4.1
SW	4.7	1.0	.1									5.3	3.0
WSW	1.2	.1	.1									1.4	3.1
W	1.6	.2	.2		.1							2.2	3.8
WNW	.6	.1	.1	.1	.1							1.2	5.5
NW	1.4	1.1	1.3	.3	.1							4.1	6.2
NNW	1.2	2.2	4.2	1.4								8.11	7.7
VARBL													
CALM												38.3	
	33.4	13.9	11.4	2.7	.3							100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/NAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION 001 T. NELSON PC/MUSKOGEE APT 57-66 YEARS JAN MONTH
 ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.6	1.7	.3								9.7	4.6
NNE	1.7	.4	.6	.3								3.7	5.6
NE	2.7	.4	.9	.2								3.5	4.8
ENE	.1	.1	.1									.3	3.3
E	1.1	.3	.1									1.5	3.6
ESE	.9	.1										1.0	2.6
SE	2.0	.3										2.4	2.3
SSE	1.6	.1										1.7	2.6
S	3.3	2.5	.9									6.6	3.6
SSW	4.3	2.6	.5									7.4	3.8
SW	3.4	.5	.6									4.6	3.5
WSW	1.5	.2		.1								1.8	3.5
W	1.5	.1	.2	.2								2.0	4.2
WNW	1.1	.3	.2									1.6	3.8
NW	2.7	1.2	1.2	.2								5.3	4.6
NNW	2.6	2.6	3.3	1.3								9.8	6.6
VARBL													
CALM												34.6	
	37.3	14.7	10.4	2.9								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/TAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20210 STATION FIRST NELSON BC/USKWA DUT APT 47-66 JAN
 MONTH
 2100-2300
 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	0.0	2.2	1.7	.6								10.5	4.6
NNE	.8	.6	.3	.4								1.9	5.9
NE	1.2	.8	.5	.2								2.7	5.1
ENE	.4	.1										.5	3.0
E	.5	.1										.6	2.8
ESE	.6	.3										1.1	3.5
SE	.4	.1										.4	3.5
SSE	1.2	.2										1.4	2.9
S	4.8	1.8	.6									7.3	3.5
SSW	3.5	2.2	1.1									6.8	4.3
SW	5.7	1.1	.3	.1								7.7	3.3
WSW	1.5	.2										1.7	3.1
W	1.4	.4										1.8	3.0
WNW	.4	.1	.1									1.1	3.2
NW	3.5	2.2	1.1									6.6	4.3
NNW	2.4	2.8	3.7	.8		.1						9.7	6.7
VARBL													
CALM												39.6	
	34.7	14.9	9.5	2.2		.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/IAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25217 STATION 5007 WELSH SC/MUSKOGEE DOT APT 57-66 FEB
 MONTH
 0000-0200
 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.7	4.7	1.3	.5								12.2	4.4
NNE	2.1	1.4	.6									4.1	4.3
NE	1.8	.4										2.1	2.9
ENE	.5	.1										.6	3.2
E	.7											.7	2.7
ESE	.5		.1									.6	3.6
SE	1.9	.7	.1									7.7	3.2
SSE	1.4	.4										1.7	3.0
S	5.6	3.8	.6									9.9	3.7
SSW	3.1	3.1	1.5									7.7	4.6
SW	3.4	1.5	1.1									8.0	4.0
WSW	.9	.5	.4									1.8	4.7
W	1.8	.2	.1									2.1	3.1
WNW	.7	.4	.6	.4	.4							7.4	8.1
NW	3.5	.7	1.1	.1	.4							5.8	5.2
NNW	3.2	3.4	2.1	1.2								9.9	5.9
VARBL													
CALM												29.7	
	36.6	21.3	9.6	2.1	.7							100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

23210 STATION NAME: FORT NELSON BC/MUSKWA DDT APT 57-66 YEARS: FEB MONTH: 0300-0500 HOURS (LST)
 CLASS: ALL WEATHER
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	7.0	3.4	1.8	.5	.1							12.8	4.6
NNE	1.4	1.1	.9									3.4	4.7
NE	.8	.1										.9	3.1
ENE	.6											.6	2.6
E	.6	.2										.8	3.1
ESE	.6	.2										.8	3.4
SE	1.5	.5	.4									2.4	3.8
SSE	1.5	.4										1.9	2.9
S	6.7	3.3	.6									10.6	3.5
SSW	3.0	4.0	1.8	.1								8.9	4.8
SW	4.3	2.1	.5									6.9	3.6
WSW	1.1	.5	.1	.2								1.9	4.6
W	1.8	.2	.1	.1								2.2	3.6
WNW	.4	.2	.5	.7	.1	.1						2.0	10.5
NW	1.7	.8	.7	.6	.1							3.8	6.1
NNW	2.6	2.8	2.7	.9	.1							9.2	6.1
VARBL													
CALM												30.7	
	35.5	20.0	10.0	3.2	.5	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USA
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 FEB
STATION NAME YEARS MONTH
ALL WEATHER
CLASS
CONDITION
0600-0800
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	2.4	2.0	.4								10.2	4.7
NNE	1.7	1.1	.7									3.4	4.6
NE	2.0	.4										2.4	2.8
ENE	.4	.1										.5	3.0
E	.5	.1										.6	3.0
ESE	.4	.7	.1									1.2	4.4
SE	2.2	1.2	.1									3.5	3.6
SSE	.7	.2	.1									1.1	3.9
S	5.3	4.4	.8	.1								10.6	4.0
SSW	3.3	3.4	2.4	.2								9.3	5.0
SW	4.4		1.2									7.4	3.9
WSW	1.1	.1										1.5	2.8
W	1.8	.5	.5	.2								3.0	4.7
WNW	.2	.5	.6	.5								1.8	7.9
NW	1.5	.8	.7	.3	.2							4.0	6.3
NNW	2.4	3.2	3.4	.6								9.6	6.2
VARBL													
CALM												29.0	
	33.6	20.9	12.6	2.5	.2							100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218
STATIONPORT NELSON BC/MUSKWA DUT APT
STATION NAME57-66
YEARSFEB
MONTHALL WEATHER
CLASS0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.2	3.2	.5	.1							2.7	3.8
NNE	1.4	.6	.6	.2	.1							2.8	5.8
NE	2.3	.6	.2									3.3	3.5
ENE	.4	.1										.5	3.0
E	1.4		.2									2.1	3.3
ESE	.9	.2	.1									1.3	3.6
SE	3.2	1.1	.1									4.4	3.1
SSE	2.4	.5										2.8	2.9
S	8.1	3.2	1.3									12.5	3.7
SSW	2.7	3.0	1.2	.1								7.0	4.6
SW	4.3	.8	.2									5.3	3.2
WSW	.5	.1	.2	.2								1.1	6.8
W	.8	.2	.1	.1								1.3	4.3
WNW	.4	.2	.2	.2								1.1	6.8
NW	1.2	.6	.7	.2		.1						2.8	6.1
NNW	1.4	2.1	2.4	2.4	.1							8.7	7.9
VAKOL													
CALM												33.2	
	35.0	15.0	10.4	4.0	.4	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS FEB MONTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.5	4.1	1.5	.1							11.5	7.2
NNE	2.1	1.4	1.3	.2								5.1	5.3
NE	2.6	1.4	.4									4.4	3.9
ENE	1.1	.5										1.5	3.3
E	3.4	.4										3.8	2.7
ESE	1.5	.4	.1									2.0	3.3
SE	5.0	.8	.2	.1								6.1	2.9
SSE	2.4	1.5	.1									4.0	3.5
S	5.0	2.1	.2									7.3	3.4
SSW	1.1	1.8	.8									3.7	4.8
SW	1.7	.5	.5									2.6	4.0
WSW	.4		.1	.4								.8	8.9
W	.6	.4	.4	.2								1.5	6.4
WNW	.5	.1	.1	.1								.8	5.0
NW	1.2	.5	1.7	.6		.1						4.0	7.5
NNW	.9	1.1	3.0	1.9	.2							7.1	8.7
VARBL													
CALM												33.7	
	31.4	16.3	13.0	5.1	.4	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
 FTAG/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25211
 STATION

FORT NELSON BC/HUSKWA OUT APT
 STATION NAME

57-66
 YEARS

PEH
 MONTH

ALL WEATHER
 CLASS

1500-1700
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	5.6	4.0	.6								16.1	5.4
NNE	2.6	3.1	1.2	.2								7.1	4.8
NE	2.5	2.0	.1	.1								4.7	3.8
ENE	.8	.7	.1									1.7	3.9
E	1.7	.2										1.9	2.9
ESE	.8	.8	.2									1.9	4.4
SE	3.7	1.7	.7									6.0	3.7
SSE	1.4	.8	.5									3.7	3.9
S	3.4	1.4	.2									3.6	3.3
SSW	.8	.8	.4									2.0	4.5
SW	3.1	.8	.4									4.3	3.5
WSW	.5	.7	.2	.1								1.5	5.2
W	.6	.2	.6	.1								1.5	5.7
WNW	.2	.4	.7	.2	.1							1.7	8.5
NW	.6	.9	1.5	.2								3.3	7.1
NNW	1.7	1.9	3.2	1.3	.1	.1						8.3	7.5
VARBL													
CALM												29.3	
	31.1	22.1	14.1	3.2	.2	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION FORT NELSON BC/MUSKWA DJT APT 57-66 YEARS FEB MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	8.3	5.9	2.7	.4								17.3	4.6
NNE	3.0	1.3	.9	.1								5.3	4.3
NE	2.0	.9	.4									3.3	4.1
ENE	.4	.2										.6	3.2
E	.6	.2										1.1	2.8
ESE	.9	.3	.1									1.3	3.8
SE	3.6	1.4	.2									4.8	3.5
SSE	1.4	.1	.1									1.7	2.8
S	4.1	1.8	.1									6.0	3.3
SSW	2.3	1.5	.2	.1								4.4	4.1
SW	3.1	1.2	.6	.1								5.0	4.0
WSW	1.8	.7	.4	.2								3.1	4.5
W	1.8	1.1	.6	.2								3.7	4.5
WNW	.8	.5	.4									1.7	4.7
NW	2.8	1.4	.8	.4								5.4	4.8
NNW	3.3	2.2	2.2	1.3								9.1	6.0
VARBL													
CALM												26.1	
	40.2	21.0	9.8	2.8								100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT WILSON BC/HUSKWA DUT ART 57-66 YEARS FEB MONTH
2100-2300 HOURS (LST)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.6	5.2	2.0	.2	.1							13.1	4.7
NNE	3.0	1.5	1.5									6.0	4.6
NE	1.8	.2										2.0	2.9
ENE	.5		.1									.6	3.4
E	.9	.2										1.2	3.4
ESE	.7	.4										1.1	3.7
SE	2.0	.4										2.4	3.0
SSE	1.1	.5										1.5	3.2
S	3.2	2.7	.2									6.1	3.7
SSW	3.2	2.7	.8									6.7	4.4
SW	2.1	2.0	1.2	.4								5.7	5.1
WSW	1.9	.0	.1									2.0	3.1
W	1.2	.4	.5	.2	.1							2.4	5.5
WNW	1.1	.1	.6	.6	.1							2.4	6.5
NW	2.4	1.2	.7	.8	.2	.1						5.9	6.3
NNW	3.4	2.7	3.0	.8								9.9	5.8
VARBL													
CALM												30.4	
	34.4	20.8	10.8	3.1	.5	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 846

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS
ALL WEATHER CLASS MONTH 0000-0200 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.8	4.4	3.3	.5								14.1	5.1
NNE	2.7	2.6	1.6	.4								7.3	5.3
NE	1.4	.2	.4									2.6	3.7
ENE	.0	.1										.1	3.0
E	1.4	.4	.1									1.9	3.3
ESE	1.3	1.2	.5									3.0	4.5
SE	1.1	1.2	.4	.1								2.8	4.9
SSE	.5	.9	.2									1.6	4.6
S	2.4	4.0	1.3									7.6	4.7
SSW	2.3	2.3	1.2	.1								5.9	4.8
SW	2.4	1.6	.5									4.5	4.0
WSW	.7	.5	.3	.1								1.5	4.7
W	1.5	.3	.2									1.9	3.9
WNW	1.1	.1	1.0	.2								2.4	6.1
NW	3.1	1.5	.9	.4								5.9	4.7
NNW	2.0	3.0	3.5	2.0								11.9	7.0
VARBL													
CALM												24.4	
	31.0	25.1	15.6	4.0								100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75215 STATION PORT WILSON EC/MUSKOGEE DOT APT 57-66 YEAR MONTH
 CLASS ALL WEATHER 0300-0500
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.1	4.6	4.0	1.1								15.7	5.4
NNE	3.2	2.9	1.8	.1								7.5	4.9
NE	1.0	.4										1.4	3.4
ENE	.3	.1										.4	3.5
E	.5	.4	.1									1.1	3.8
ESE	.4	1.0	.3									1.7	5.3
SE	2.3	1.3										3.5	7.5
SSE	.8	.4	.3									1.5	4.3
S	3.9	2.9	1.6									8.4	4.5
SSW	3.9	2.5	2.0									8.7	4.6
SW	3.0	1.0	.6									4.6	3.8
WSW	1.0	.4	.2									1.6	3.6
W	.8	.3	.2									1.3	3.9
WNW	.4	.2	.6	.1	.1	.1						1.6	8.5
NW	2.7	1.6	1.0									5.5	4.2
NNW	1.8	2.7	3.3	1.7								9.6	7.4
VARBL													
CALM												29.4	
	32.4	22.4	16.2	3.0	.1	.1						100.0	3.8

TOTAL NUMBER OF OBSERVATIONS 730

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR FORCE SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION
 2561

STATION NAME
 FORT WILSON/EC/USKAA OUT APT

YEARS
 17-66

MONTH
 MAR

CLASS
 ALL WEATHER

HOURS (L.S.T.)
 0600-0800

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.2	4.2	4.0	.2	.1							14.3	3.5
NNE	1.7	1.2	1.3	.2								4.4	3.3
NE	1.0	1.1	.1									2.3	3.7
ENE	1.0	.3										1.3	3.1
E	.0	.3	.1									1.1	3.8
ESE	.4	.0	.3	.1								1.8	4.8
SE	1.4	.9	.3	.1								2.6	4.3
SSE	.0	.0										1.3	3.8
S	4.4	3.4	2.2									10.3	4.6
SSW	3.4	3.7	2.5	.1								9.7	5.1
SW	3.0	1.2	.2									5.3	3.2
WSW	1.2	.3	.3	.1								1.9	4.3
W	1.0	.3	.2									2.2	3.3
WNW	1.0	.3	.5	.4	.1							2.4	7.1
NW	1.4	1.9	1.3	.2								4.7	5.5
NNW	1.2	2.0	4.3	1.8								9.4	7.9
VARBL													
CALM												24.6	
	31.1	22.8	17.6	3.7	.2							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
 STATION/USAF
 AIR CENTER DE WIG/DA

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND DIRECTION AND SPEED (FROM HOURLY OBSERVATIONS)

STATION 2281 STATION NAME 57-65 YEARS 4R MONTH 0900-1100 HOURS (L.S.T.)
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.0	2.5	2.3	1.2								10.5	7.4
NNE	1.5	1.0	1.2	.1								3.8	5.1
NE	2.2	2.3	.5									4.9	4.3
ENE	1.2	.4										1.6	3.3
E	1.8	.8	.5									3.1	4.0
ESE	1.0	.5	.3									2.7	3.8
SE	3.0	1.3	.8									5.8	3.6
SSE	2.5	1.4	.3									4.2	3.3
S	5.2	4.5	1.8									11.0	4.2
SSW	1.4	1.5	1.6									4.7	5.7
SW	1.5	.9	.3									2.5	4.0
WSW	.3	.5	.3	.2								1.1	7.0
W	.5	.1		.1		.1						.9	6.8
WNW	.1		.2	.5	.3	.1						1.3	13.8
NW	1.0	.5	1.8	1.2	.1		.1					4.7	8.4
NNW	.5	.4	3.9	2.2	.1							7.2	9.3
VARBL													
CALM												35.0	
	26.5	17.7	19.1	5.5	.5	.2	.1					100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

2

ATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25215
STATIONFIGHT INSULDS BC/MUSKIEA DUT APT
STATION NAME57-66
YEARSMAR
MONTHALL WEATHER
CLASS1200-1400
HOURS (LST)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.6	2.4	4.6	1.4								12.0	7.5
NNE	1.3	1.2	3.3	.1								5.9	6.7
NE	4.5	1.9	2.0	.1								8.6	4.6
ENE	2.3	1.4	.5									4.2	4.3
E	2.2	1.3	.4									3.9	3.9
ESE	1.4	1.4	.9									4.1	4.7
SE	4.0	1.9	1.7	.2								7.8	4.7
SSE	1.0	1.4	.5									2.9	4.3
S	1.4	1.9	.6									4.5	4.2
SSW	.0	1.0	.3									2.0	4.6
SW	1.0	1.1	.5	.6								3.2	6.6
WSW	.4		.4	.4		.1						1.2	10.1
W	.5	.1	.3	.9								1.9	9.6
WNW	.4		.5	1.1								2.0	9.4
NW	.5	.5	1.1	1.1	.3	.1						3.7	9.7
NNW	.5	1.2	3.0	3.1	.3							8.2	9.7
VARBL													
CALM												25.9	
	24.3	18.7	21.0	9.0	.6	.2						100.0	4.7

NO. OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 252100 HORT NELSON BC/HUSKWA CMT APT 57-66 YEAR MONTH 1500-1700
 STATION NAME CLASS ALL WEATHER HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.1	7.2	1.9								15.6	7.2
NNE	1.4	2.4	3.7	.9								8.8	3.8
NE	3.5	2.4	1.2									7.1	4.4
ENE	2.0	.6	.5									3.2	3.0
E	2.7	1.4	1.4	.1								5.5	4.8
ESE	1.4	1.2	2.2	.2								4.0	6.1
SE	4.2	3.1	1.7	.3								9.4	4.7
SSE	2.3	1.7	.6	.1								4.7	4.3
S	3.1	2.2	.6									5.5	4.0
SSW	.5	.4	.1	.1								.9	5.9
SW	.5	.8	.6	.1	.1							2.4	5.9
WSW	.3		.8	.3	.1							1.5	8.9
W	.4	.4	.5	.2	.1							1.6	7.4
WNW	.1		.8	.6	.1							1.6	10.9
NW	.4	.2	1.3	.6	.2							2.8	9.1
NNW	.4	2.3	3.9	2.3	.1							9.4	8.4
VARBL													
CALM												14.6	
	20.5	23.7	27.1	7.8	.8							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20210 STATION NAME FORT NELSON FC/MUSKOGEE RPT APT YEARS 57-66 MONTH MAR
CLASS ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	4.8	6.0	1.0	.1							16.2	6.1
NNE	2.2	2.6	.9	.1								5.7	4.6
NE	3.4	1.2	.4									5.5	3.5
ENE	2.5	.2	.1									2.8	3.1
E	3.3	.8	.5									4.6	3.5
ESE	2.4	1.2	1.5									5.1	4.8
SE	3.1	1.4	1.1	.1								5.7	4.5
SSE	3.0	1.0	.2									4.3	3.5
S	3.0	1.5	.2									4.7	3.6
SSW	1.2	.4										1.6	3.1
SW	2.4	.9		.2	.1							3.5	4.2
WSW	.8	.6	.1									1.5	3.9
W	1.1	.9	.6	.3	.1							3.0	6.3
WNW	.5	.9	.3	.2								2.2	5.5
NW	1.4	2.0	1.3	.3		.1						5.7	5.8
NNW	1.5	3.0	4.1	1.9	.1							10.6	7.5
VARBL													
CALM												16.7	
	37.6	24.0	17.4	4.2	.4	.1						100.0	4.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2021 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEAR MONTH 2100-2300
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	6.1	4.4	3.4	.6	.2							14.8	4.4
NNE	3.1	1.8	1.7	.4								7.1	5.2
NE	1.9	1.2	.5									3.7	4.1
ENE		.1	.1									.2	6.5
E	1.3	.6	.4									2.4	4.0
ESE	.5	.9	.9									2.3	5.6
SE	2.8	1.7	.8	.2								5.5	4.4
SSE	1.1	.6	.4									2.2	4.6
S	3.0	2.8	.1									5.9	3.8
SSW	2.2	1.0	.5									3.7	4.0
SW	2.5	1.4	.6									4.5	4.2
WSW	1.5	.5	.1	.1								2.3	4.0
W	2.4	.4	.1	.1								3.0	3.4
WNW	.5	.3	.6	.2	.1							1.8	7.1
NW	2.0	2.3	1.4	.2	.2							6.6	5.2
NNW	3.9	4.4	3.5	1.9								13.8	6.3
VARBL													
CALM												20.1	
	35.6	24.5	15.4	3.9	.5							100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION NAME: FORT NELSON CC/HUSKWA DUT APT YEARS: 57-66 MONTH: APR
 CLASS: ALL WEATHER HOURS (L.S.T.): 0000-0200
 CONDITION:

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	4.1	2.6	.9	.2	.1						12.0	5.9
NNE	1.6	1.4	1.6	.7								4.9	6.7
NE	1.9	1.7	.4									4.0	4.1
ENE	.6	.6	.1									1.2	3.8
E	1.3	.6	.2									2.1	3.7
ESE	.8	.9	.6	.1								2.3	5.4
SE	1.4	2.3	.9									4.7	4.7
SSE	1.2	1.2										2.4	3.6
S	5.1	4.1	.6									9.7	4.0
SSW	2.4	2.9	.7									6.0	4.4
SW	3.0	2.4	1.7									7.7	4.6
WSW	1.3	.4	.3	.1								2.7	4.3
W	1.7	.8	.7									3.1	4.3
WNW	.6	.7	.4	.1								2.0	5.3
NW	2.1	1.6	1.0	.7	.2							5.4	6.0
NNW	3.1	2.0	2.6	1.7	.3							9.6	7.0
VARBL													
CALM												20.7	
	32.3	27.7	14.2	4.2	.6	.1						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

28214 STATION 28214 EIGHT WELSON BC/MUSKWA OUT APT 57-66 YEARS APR MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L & T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	4.0	2.2	.7	.3							10.9	9.7
NNE	1.9	.8	.6	.2	.1	.1						3.7	3.9
NE	1.3	1.1	.2	.2								2.9	4.6
ENE	.8	.4										1.2	3.3
E	1.4	.3	.1									1.9	3.4
ESE	1.0	1.0	.4	.2								2.7	5.0
SE	1.4	1.2	.8									3.9	4.4
SSE	1.0	1.1	.1									2.8	3.5
S	3.8	4.2	.6									8.6	4.1
SSW	3.5	3.1	1.1									8.0	4.2
SW	2.6	2.4	1.6	.1								6.7	4.8
WSW	.7	.2	.2	.1								1.2	4.3
W	1.8	.6	.1	.1	.1							2.7	4.3
WNW	.6	.4	.8	.1								1.9	6.4
NW	1.4	1.2	1.1	.9								5.0	6.0
NNW	2.4	3.1	3.2	1.3	.2							10.7	6.8
VARBL													
CALM												25.4	
	31.3	25.3	13.1	3.9	.8	.1						100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 (TAC/USAF)
 AIR EAT EP SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521R STATION FORT NELSON BC/MUSKWA MOUNT APT 57-66 YEARS APR MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.7	2.4	2.0	.1							9.2	7.4
NNE	1.7	1.4	1.3	.1								4.6	5.3
NE	1.4	.2	.7									2.8	4.4
ENE	.7	.3	.1									1.1	3.7
E	1.1	.6	.2									1.9	3.6
ESE	.7	.4	.1	.3								1.6	3.7
SE	3.6	1.9	.3	.2								6.0	4.0
SSE	2.4	1.8	.6	.1								5.3	3.9
S	7.4	5.3	1.8	.1								14.7	4.2
SSW	2.6	3.1	1.7	.2								7.6	4.9
SW	2.1	1.4	1.1									5.1	4.6
WSW	.6	.4	.4	.2								1.7	6.1
W	.6	.1	.3									1.0	5.1
WNW	.1	.4	.1	.7								1.3	9.3
NW	1.6	.8	1.6	.7								4.6	6.3
NNW	.8	2.0	3.7	2.1								8.6	8.2
VARBL												23.1	
CALM													
	30.1	23.4	16.4	6.8	.1							100.0	4.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 HTAG/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25215 STATION FORT NELSON BC/MUSKWA OUT APT 57-66 YEARS APR MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 9	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	1.6	4.9	2.2	.2	.1						9.9	8.9
NNE	.8	.8	1.7	1.2								4.4	8.2
NE	2.0	2.2	.8	.2	.1							5.3	5.1
ENE	.7	.6	.2									1.4	4.4
E	1.9	1.6	.1									3.6	3.6
ESE	1.3	.6	.9	.2								3.0	5.9
SE	6.9	3.4	1.6	.4								12.3	4.4
SSE	2.3	1.7	1.3	.4								5.3	5.3
S	3.2	3.3	1.3	.1								10.0	4.4
SSW	.6	1.3	1.3									3.2	5.9
SW	1.0	.9	1.0	.2								3.1	5.8
WSW	.1	.1	1.1	.7	.2							2.2	10.2
W	.4	.4	.7	1.4	.2	.1						3.3	10.6
WNW	.3	.4	.4	.3	.1							1.7	8.2
NW	1.1	.3	1.9	.7	.1							4.1	7.4
NNW	.4	.9	3.2	2.3	.4							7.1	9.8
VARBL													
CALM												19.2	
	26.4	20.1	22.4	10.6	1.4	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25215 STATION FORT NELSON FC/MUSKWA OUT APT STATION NAME 57-66 YEARS APR MONTH 1200-1400 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.9	2.9	3.9	4.0	.7							12.3	9.4
NNE	.9	2.2	3.1	1.0								7.2	7.4
NE	2.1	1.9	1.1	.3								5.4	5.0
ENE	1.1	1.2	.6									2.9	4.8
E	1.9	1.1	.6									3.6	4.3
ESE	.7	1.0	1.9									4.1	6.3
SE	4.7	4.1	2.0	.7								11.4	5.0
SSE	2.0	3.0	3.0	1.1								9.1	6.5
S	2.3	1.4	1.3	.4								5.6	5.2
SSW	.4	.4	.3	.1								1.3	5.9
SW	.9	.8	.9	.1								2.7	5.5
WSW	.5	.7	1.3	.9								3.2	8.7
W	.7	.3	.8	1.7								3.4	9.7
WNW	1.1	.3	1.3	.8	.1							3.6	7.9
NW	1.1	.9	2.0	1.3	.1							5.4	8.1
NNW	.7	.9	2.1	2.7								6.3	9.4
VARBL													
CALM												12.3	
	21.7	23.8	26.2	15.1	.9							100.0	6.1

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20214 STATION FORT NELSON BC/HUSKWA OUT APT 57-66 YEARS APR MONTH
 1500-1700 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.3	3.9	4.0	.3							13.0	8.5
NNE	.8	2.0	3.0	1.6	.4							8.0	8.6
NE	1.7	1.6	1.6	.4								4.2	5.7
ENE	.8	.9	.3	.2								2.2	5.3
E	3.2	1.8	1.3	.1								6.4	4.6
ESE	1.6	1.9	2.4	.2								6.1	6.1
SE	4.0	4.0	3.7	.7								12.3	5.6
SSE	2.1	1.8	2.3	.4								6.7	5.9
S	1.1	1.8	1.6	1.0								5.4	6.8
SSW	.4	.4	.7	.2								1.7	6.5
SW	.9	1.0	.7		.1							2.7	5.6
WSW	.9	.9	.7	1.0	.2							3.7	8.1
W	.2	.7	.7	1.3	.4							3.3	10.7
WNW	.1	.4	.8	.4	.8	.1						2.7	12.0
NW	.4	.8	1.4	1.2	.1							4.0	8.9
NNW	.4	1.4	3.4	3.4	.1	.1						9.0	9.6
VARBL													
CALM												7.4	
	20.0	24.7	28.4	16.6	2.6	.2						100.0	6.8

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25217 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 APR MONTH 1800-2000 HOURS (L.S.T.)
 ALL WEATHER CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	4.2	5.2	2.6	.1							14.6	7.3
NNE	1.4	2.3	1.6	1.3								7.2	6.8
NE	3.1	2.3	1.3	.3								7.1	4.8
ENE	1.2	1.1		.1								2.4	4.2
E	3.7	2.2	1.3									7.7	4.4
ESE	2.0	1.6	1.4	.2								8.8	5.3
SE	3.1	2.7	2.2									7.9	4.9
SSE	2.0	1.8	1.4									5.2	5.0
S	2.4	2.6	.7	.3								6.3	4.6
SSW	.7	.6	.2									1.7	4.2
SW	1.4	.9	.6									2.9	4.3
WSW	.1	.4	.6	.4								1.6	8.6
W	1.4	1.0	1.0	.3								4.2	5.4
WNW	.3	.7	.7	.4								2.1	7.6
NW	1.1	1.3	.8	.3								4.0	6.3
NNW	1.2	1.4	3.0	2.7								8.8	8.3
VARBL													
CALM												11.0	
	24.0	27.6	22.2	9.6	.1							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22210 STATION 20210 FULTON, BC/MUSKWA DUT APT 57-60 YEARS APR MONTH
CLASS ALL WEATHER 2100-2300 HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	3.9	3.3	1.4	.2							12.2	6.8
NNE	1.2	1.7	2.7	1.1	.1							5.8	7.4
NE	2.5	1.2	.4	.6								3.0	4.4
ENE	.6	.4	.4									1.4	4.8
E	1.3	1.6	.9									3.4	4.7
ESE	.7	1.6	.8									3.8	5.1
SE	2.0	1.7	1.6									5.2	5.1
SSE	1.4	1.8	1.0	.1								4.3	5.2
S	4.1	3.3	.8									8.2	4.1
SSW	1.2	2.4	.3									4.0	4.5
SW	2.2	1.7	1.0	.1								5.0	4.6
WSW	1.3	.7	.2									2.2	3.9
W	2.1	.5	1.3	.1								4.3	5.1
WNW	.7	.7	.6	.3								2.2	6.7
NW	2.4	2.3	1.1	.6								6.7	5.1
NNW	2.3	1.4	3.4	.9	.2							8.8	6.8
VARBL													
CALM												16.0	
	24.1	27.2	19.9	5.2	.5							100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25213 STATION PORT JELSON BC/MUSKWA OUT APT 57-66
STATION NAME YEARS
CLASS ALL WEATHER
CONDITION
DAY MONTH
0000-0200
HOURS (LST)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	2.7	1.9	.9								9.6	5.4
NNE	2.4	1.5	1.8	.1								5.8	5.1
NE	1.5	1.2	.4	.1								3.2	4.4
ENE	.3	.3	.3									1.0	5.1
E	1.2	1.5	.4	.1								3.2	4.7
ESE	.9	.6	.6									2.2	5.3
SE	1.1	1.1	.5	.1								3.3	4.5
SSE	1.3	.6	.9									2.8	5.2
S	3.5	2.4	.5	.1								6.8	3.9
SSW	1.3	2.9	.8									4.9	4.8
SW	2.0	1.6	.6									5.1	4.1
WSW	1.5	.8	.5	.5								3.4	5.8
W	2.7	1.3	.8	.2								4.9	4.6
WNW	1.1	1.8	1.6	.4								5.5	6.0
NW	2.5	2.5	1.6	.3								7.4	5.2
NNW	1.5	2.1	2.7	1.3								8.6	6.8
VARBL													
CALM												22.3	
	31.0	25.7	10.1	4.3								100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 (TAD/USAF)
 AIR LEAF OFFICE/AFAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

STATION 0221 STATION NAME FORT WILSON C/405KWS DIST CNT 57-66 MONTH MAY
 CLASS ALL-FAIRER HOURS 0300-0500
 CONDITION

SPEED (KNTS) DIR.	1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	≥56	%	MEAN WIND SPEED
N	4.4	2.3	1.8	.3								8.8	4.9
NNE	1.5	.3	1.3	.4								4.0	6.1
NE	1.7	1.3	.1									3.2	3.6
ENE	.7	.6										.9	4.1
E	.9	.8	.2									1.9	4.1
ESE	1.1	.6	.6									2.3	4.7
SE	2.1	.6	.5	.1								3.3	4.3
SSE	1.3	.5	.4									2.2	4.3
S	4.7	3.7	1.6									9.5	4.4
SSW	3.7	2.8	1.3									7.8	4.4
SW	3.7	1.6	.4									5.6	3.5
WSW	2.3	.5	.2									3.1	3.5
W	1.7	1.1	.5	.5								4.1	3.8
WNW	.4	1.7	1.3	.5	.1	.1						3.4	8.1
NW	1.7	2.3	2.0	.1		.1						6.2	5.8
NNW	3.7	1.7	4.0	1.8								10.6	6.8
VARBL													
CALM												22.6	
	34.7	22.7	16.5	4.1	.1	.2						100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20210 STATION FORT BELLEVILLE MC/MSKWA HBT APT 57-66 YEAR MONTH
STATION NAME CLASS HOURS (L.S.T.)
ALL WEATHER
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.6	2.4	2.6	.6								5.2	9.8
NNE	2.7	1.5	.8	.2								3.2	4.6
NE	2.6	1.5	.3	.1								4.1	4.3
ENE	.5	.3	.3									1.4	4.4
E	1.2	.0	.3									2.2	4.0
ESE	1.7	.9	1.1									2.6	5.6
SE	4.4	2.5	.6	.1								7.6	4.0
SSE	3.1	1.7	.2									4.7	3.5
S	5.6	5.7	1.2	.1								12.6	4.3
SSW	2.4	2.4	1.0									5.7	4.5
SW	1.7	1.2	.4	.1								3.5	4.2
WSW	.6	.1	.2	.3								1.3	6.3
W	.3	.5	.8	.6								2.3	8.0
WNW	.5	.4	1.3	.9	.1							3.7	8.2
NW	.5	1.9	2.5	.9		.2						6.2	8.0
NNW	1.6	1.3	4.6	2.2	.2							9.5	8.7
VARBL													
CALM												15.8	
	31.2	25.2	14.2	6.1	.3	.2						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20211 STATION NAME FORT TOLSON FC/MUSKOGEE APT 57-66 YEARS MONTH 0900-1100
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	4.1	1.4								7.0	7.1
NNE	1.1	1.6	1.3	.8								4.7	6.5
NE	2.1	1.8	1.0	.2								5.1	5.0
ENE	2.2	1.0	.5	.2								3.9	4.8
E	2.5	1.2	.9									4.5	4.3
ESE	2.1	1.3	1.8									5.2	5.1
SE	3.5	4.1	1.2	.8								9.6	5.2
SSE	1.7	2.9	.9	.1								4.8	5.0
S	3.4	2.3	.8	.4								6.9	4.5
SSW	1.3	.3	1.2	.2								3.0	5.9
SW	1.5	1.2	.4		.1							3.2	4.6
WSW	.3	1.2	.9	.8	.3							3.4	8.8
W	.3	.5	1.0	1.7								3.5	9.7
WNW	.7	.3	1.4	2.8	.2	.2						4.4	11.9
NW	.1	1.6	3.2	3.1	.2							8.8	9.3
NNW	.4	1.6	3.4	3.4	.2							9.6	9.5
VARBL												8.4	
CALM													
	24.4	25.6	23.9	15.4	1.1	.2						100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

930

2

ATMOSPHERIC DIVISION
ETAC/USA
AIR WEATHER SERVICE/HAL

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION NAME 807 MUSKOGEE AIRPORT 57-66 MONTH MAY
CLASS ALL WEATHER 1200-1400
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.2	2.8	2.7	1.3	.2							8.2	7.6
NNE	.4	2.3	3.5	1.1	.1							7.8	7.4
NE	1.4	2.7	1.2	.6								6.5	5.5
ENE	1.0	.6	1.6	.3								4.7	6.0
E	1.4	1.7	1.4	.5								5.6	5.8
ESE	1.1	1.7	2.0	1.4								6.2	7.5
SE	2.0	2.9	2.5	1.0								8.9	6.1
SSE	.0	1.4	1.3	.1								3.5	5.7
S	.2	2.3	1.7	.4								5.5	6.0
SSW	.5	.2	1.3	.1								2.5	6.5
SW	1.4	1.0	.8	.5	.1							3.8	6.3
WSW	.2	.5	1.1	1.0								3.1	8.5
W	1.1	.8	1.5	1.3	.4	.1						5.2	9.3
WNW	.4	1.7	2.3	2.0	.2							7.0	8.7
NW	.5	1.3	3.0	2.8	.3	.1						8.1	9.9
NNW	.5	1.5	3.7	2.5	.3							8.5	9.3
VARBL													
CALM												5.5	
	18.2	23.4	31.5	17.0	1.7	.2						100.0	7.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/ALC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25215 STATION 57-66
 STATION NAME PORT NELSON FC/MUSKWA OUT APT
 CLASS ALL WEATHER
 MONTH MAY
 HOURS 1500-1700
 (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	3.5	3.3	1.7	.5	.1						10.6	7.9
NNE	1.6	2.4	3.5	1.4								9.1	7.1
NE	1.5	2.4	2.8	.5								7.2	6.4
ENE	1.5	2.0	.9	.2								4.6	5.1
E	1.4	1.6	1.5	.4								5.5	5.6
ESE	.7	1.6	2.3	1.3								5.8	7.9
SE	1.4	2.4	1.7	1.0	.2							6.7	7.0
SSE	.5	1.5	1.3	.5	.1							4.0	7.3
S	1.7	1.3	1.9	.2								5.4	5.5
SSW	.4	.3	1.2	.2								2.2	7.2
SW	1.1	1.2	1.9	.8	.1							5.1	7.2
WSW	.3	.5	1.1	.5	.1							2.6	8.5
W	.2	.6	1.4	1.6	.2							4.1	9.8
WNW	.3	.3	2.2	1.1	.5							4.4	10.4
NW	.4	1.4	3.3	1.6	.3	.2						8.3	8.8
NNW	1.1	1.0	3.7	2.7	.0							9.8	9.2
VARBL												4.7	
CALM													
	17.0	25.3	34.0	15.0	2.9	.3						100.0	7.2

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25216 STATION FORT NELSON BC/MUSKWA RPT APT 57-66 YEARS MONTH MAY
 CLASS ALL WEATHER
 HOURS 1800-2000
 HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.2	4.6	1.2	.2							13.2	7.1
NNE	1.9	2.7	3.0	.4								8.1	6.1
NE	2.9	2.8	1.7	.2								7.6	5.1
ENE	1.7	.6	1.2	.1								3.7	5.3
E	1.7	2.8	2.3	.5								7.3	6.1
ESE	1.3	2.3	2.6	.3								6.5	6.3
SE	1.4	1.5	1.2	.6	.2							4.9	7.0
SSE	1.3	1.5	.8	.1								3.3	5.2
S	2.2	1.0	1.0	.2								4.3	4.9
SSW	.0	.4	.5	.1								1.7	5.3
SW	1.4	.4	.3	.4								3.1	5.6
WSW	.6	.0	.9	.5								2.3	8.3
W	.0	.8	1.1	.6	.1							3.2	8.0
WNW	.9	.9	1.6	1.3	.2							4.8	8.4
NW	1.8	2.6	3.2	1.0	.1	.1						8.8	7.1
NNW	1.7	2.5	2.5	1.9								8.6	7.2
VARBL													
CALM												8.7	
	24.4	26.9	28.6	16.4	.9	.1						100.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25213 STATION FORT NELSON BC/MUSKWA COT APT 57-66 YEARS NORTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	3.3	.6								10.1	5.8
NNE	1.5	2.0	1.5	.5								5.6	6.0
NE	2.3	2.2	.6	.3								5.4	4.8
ENE	1.3	.9	.4									2.6	4.3
E	1.2	1.3	1.6	.2								4.3	5.8
ESE	1.3	1.2	1.2	.2								3.9	5.7
SE	1.7	1.1	.5	.3								3.7	5.2
SSE	.5	.6	.6									1.8	5.4
S	2.9	1.8	.3	.1								5.2	3.8
SSW	1.5	.9	.1									2.5	3.6
SW	2.2	1.6	.5									4.3	4.3
WSW	.9	1.1	.5									2.5	4.8
W	2.4	1.9	1.9	.3								6.6	5.6
WNW	1.1	1.4	1.0	.9		.1						4.3	7.2
NW	3.5	2.4	2.5	.3								8.7	5.3
NNW	1.7	3.2	4.0	1.3								10.2	6.9
VARBL													
CALM												18.5	
	23.7	26.8	20.8	5.2		.1						100.0	4.5

TOTAL NUMBER OF OBSERVATIONS 230

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25213 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS JUN MONTH
ALL WEATHER CLASS 0000-0200 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.4	1.0	.6								7.7	4.8
NNE	1.7	1.1	.7									3.4	4.4
NE	1.4	1.0	.2									2.7	3.6
ENE	.7	.1										.3	3.7
E	1.3	.6	.4									2.5	4.4
ESE	.7	.7	.3									1.7	4.6
SE	2.1	1.3	.3	.1								3.9	4.0
SSE	1.1	1.3	.2									2.7	4.3
S	3.4	3.0	.2									8.7	3.3
SSW	2.7	2.0	.2									4.9	3.6
SW	2.8	1.4	.1									4.3	3.6
WSW	1.4	.6	.4									2.4	4.3
W	3.2	1.0	1.6	1.1								7.8	6.0
WNW	1.2	1.1	1.2	.4								4.0	6.1
NW	3.6	3.3	1.7	.2								9.0	4.8
NNW	2.7	2.3	1.8	1.4								8.2	6.6
VARBL													
CALM												25.8	
	35.4	24.4	10.4	3.9								100.0	3.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR WEATHER SERVICE/MAJ

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25211 STATION 25211 BC/HUSKWA COT APT 57-66 YEARS MONTH JUN
 ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	1.0	.9	.2								6.0	4.2
NNE	.9	.9	.6									2.3	4.2
NE	1.1	.7										1.8	3.2
ENE	.3	.1	.2									.7	4.8
E	1.4	.8	.1									2.3	3.6
ESE	.4	.4										.9	3.6
SE	1.8	.8	.8									3.3	4.4
SSE	1.4	.6	.1									2.6	3.6
S	4.7	2.8	.3									8.8	3.8
SSW	3.4	2.8	.9									7.1	4.1
SW	4.4	1.8	.3									6.6	3.4
WSW	1.0	.7		.3								2.6	4.5
W	2.6	1.3	1.0	.5								5.7	5.5
WNW	1.2	1.2	2.0	1.0								5.4	7.3
NW	2.1	2.7	1.3	.7								6.8	5.6
NNW	2.5	1.7	1.9	1.0								7.1	6.3
VARBL													
CALM												30.1	
	34.3	21.1	10.4	4.0								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION FORT NELSON BC/MUSKWA COT APT 57-66 YEARS JULY
MONTH
0600-0800
HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.9	1.9	1.1	.6								5.4	3.7
NNE	.9	.7	1.0	.1								2.7	5.3
NE	2.0	1.1	.1									3.2	3.7
ENE	.8	.6	.1									1.4	3.9
E	1.7	1.1	.2									3.0	4.0
ESE	.7	.2		.1								1.0	4.1
SE	5.0	2.2										7.2	3.3
SSE	3.6	1.2										4.8	3.2
S	7.7	5.8	1.0									14.4	3.9
SSW	2.4	2.9	1.4									6.8	4.7
SW	1.7	1.6	.2									3.4	4.1
WSW	.7	.6	.6	.1								1.9	5.5
W	.6	.8	1.4	.8	.1	.1						4.1	7.8
WNW	.4	1.0	1.4	2.3	.2							5.4	10.1
NW	1.3	2.1	3.6	.8								7.8	6.9
NNW	1.0	1.8	2.6	1.0								6.3	7.3
VARBL													
CALM												21.0	
	32.0	25.4	14.8	5.8	.3	.1						100.0	

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521 STATION FORT NELSON BC/MUSKOKA COT APT 57-66 YEARS JUN MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.8	2.3	2.7	1.3								8.1	7.0
NNE	1.4	2.0	1.2	.3								4.4	5.9
NE	2.8	1.2	.4									4.4	3.8
ENE	1.3	.1	.6	.1								2.1	4.9
E	2.7	1.4	.4									4.6	4.0
ESE	1.2	1.4	.7	.2								3.6	5.2
SE	0.7	2.8	1.4									10.9	3.9
SSE	3.0	2.4	.6	.1								6.1	4.2
S	3.2	2.7	1.6	.3								9.8	4.5
SSW	1.4	.4	1.0	.1								3.4	5.4
SW	1.1	1.2	.6	.2								3.1	5.4
WSW	.4	.2	.6	.6								1.8	7.4
W	.6	1.1	.7	1.3	.1							3.8	8.6
WNW	.4	.7	2.1	2.6	.3	.3						6.4	11.0
NW	1.4	2.0	3.0	2.4	.3							9.2	8.3
NNW	.1	1.8	3.0	1.9	.1							7.6	8.6
VARBL													
CALM												10.7	
	31.8	24.3	20.4	11.6	.9	.3						100.0	5.5

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521 STATION FORT WELSH BC/MUSKWA BDT ART 57-66 YEAR MONTH
STATION NAME ALL WEATHER CLASS 1200-1400
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	1.8	2.6	1.4	.1							7.6	7.3
NNE	.7	.9	1.8	.2								3.6	6.8
NE	1.3	2.0	1.2	.3								5.3	5.5
ENE	1.0	.9	1.0									2.9	5.6
E	2.3	1.8	1.2	.4								5.8	5.5
ESE	1.3	1.7	1.9	.3								5.2	6.1
SE	2.3	2.2	2.6	.4								7.6	5.7
SSE	1.7	2.6	1.6	.7								6.5	5.9
S	3.6	3.2	.6	.2								7.6	4.3
SSW	.5	1.0	.7									2.4	5.4
SW	1.1	1.1	1.0	.4	.1							3.8	6.6
WSW	.4	.9	1.8	1.0	.1							4.2	8.3
W	1.3	1.6	2.1	1.0	.3							6.0	8.1
WNW	.2	.8	1.6	2.6	.4	.1	.1					5.8	11.3
NW	1.7	1.8	2.7	2.6	.4							9.1	8.6
NNW	.7	1.4	3.7	2.6	.1	.1						8.6	9.3
VARBL													
CALM												7.1	
	22.4	25.6	27.8	14.2	1.7	.2	.1					100.0	6.5

TOTAL NUMBER OF OBSERVATIONS 899

2

DATA PROCESSING DIVISION
 AFMPC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22211 STATION FORT NELSON FC/MUSKWA BOUT APT 57-66 YEARS MONTH
 ALL WEATHER CLASS 1500-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.1	2.3	2.1	2.2								6.4	7.9
NNE	1.2	1.2	2.3	.3								5.1	6.6
NE	2.1	2.9	2.8	.2								4.0	5.7
ENE	.4	1.9	1.4	.1								3.9	6.1
E	2.1	1.8	2.5	.4								6.8	5.1
ESE	.4	1.1	1.8	.4								4.1	7.0
SE	2.1	1.9	2.7	.4								7.1	5.9
SSE	.4	2.9	.7									4.5	5.2
S	3.0	2.2	1.1	.3								6.7	4.8
SSW	.0	1.0	1.0	.3								3.1	6.4
SW	.4	1.7	1.8	.2								4.6	6.2
WSW	.3	.3	.4	.0								1.3	8.6
W	1.4	1.9	1.8	1.2	.2							6.6	7.2
WNW	.0	.4	1.7	2.7	.4							5.0	10.6
NW	.7	1.8	2.9	2.0	.3							7.7	8.8
NNW	1.0	1.3	4.3	1.6								8.5	3.2
VARBL													
CALM												7.2	
	19.2	26.8	31.9	13.6	1.0							100.0	6.3

TOTAL NUMBER OF OBSERVATIONS

897

2

DATA PROCESSING DIVISION
 HTAC/USAF
 AIR WEATHER SERVICE/HTAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2021 STATION FORT WILSON RC/MUSKWA BDT APT 57-66 MONTH JAN.
 STATION NAME YEARS
 ALL WEATHER CLASS
 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	2.0	1.4	1.1								7.3	6.1
NNE	1.7	2.1	1.8	.4								6.0	5.8
NE	3.0	2.4	1.6	.3								7.9	4.9
ENE	1.9	1.9	1.1	.1								5.0	5.2
E	1.9	3.2	1.6	.1								6.8	5.3
ESE	1.0	1.7	1.7	.3								4.7	6.2
SE	3.2	2.1	1.8	.3								7.5	5.0
SSE	.4	.9	.4	.1								1.9	5.9
S	2.1	1.6	.3	.1								4.1	4.2
SSW	1.0	.9	.9	.3								3.1	6.1
SW	1.1	1.1	1.1	.2								3.6	5.7
WSW	.7	.4	1.0	.6								2.7	6.7
W	1.4	2.0	1.2	.8	.2							6.0	6.7
WNW	1.4	1.0	2.0	1.5	.1							6.7	7.7
NW	1.3	2.3	3.7	1.1	.1							8.6	7.1
NNW	.4	2.0	2.4	1.0								7.1	7.8
VARBL													
CALM												11.0	
	20.1	29.1	24.1	9.4	.4							100.0	5.4

TOTAL NUMBER OF OBSERVATIONS

898

DATA PROCESSING DIVISION
ETPC/USAF
AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20210 STATION 50T WILSON FG/POSKAA NJT ART 57-66 YEARS MONTH 4
CLASS ALL WEATHER HOURS 2100-2300
CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	3.3	1.2	.1								7.0	4.8
NNE	1.4	1.4	.6									3.4	4.4
NE	1.0	1.6	.8	.1								4.0	4.9
ENE	1.0	.4	.1									1.6	3.8
E	1.4	1.0	1.0									3.4	4.9
ESE	.4	.8	1.7	.1								3.4	6.1
SE	1.7	1.4	.3									3.4	4.2
SSE	1.1	.4	.2	.2								2.0	3.0
S	3.1	1.2	.3	.2								4.0	3.9
SSW	1.0	2.0	.3									4.0	4.2
SW	3.0	1.7	.4									5.1	3.8
WSW	1.3	1.0	.3	.3	.1							3.1	3.8
W	4.3	2.4	1.0	.0								8.6	4.8
WNW	1.0	1.9	1.3	.0								5.0	6.4
NW	2.0	3.3	2.0	.1	.1	.2						11.4	5.8
NNW	2.0	2.1	2.2	1.0	.1							8.9	7.2
VARBL													
CALM												20.4	
	31.7	20.1	14.6	4.4	.3	.2						100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

061	FRONT ISL. CCAUSKAA DIST APT	97-64	JUL
STATION	STATION NAME	YEARS	MONTH
	ALL WEATHER		0600-0200
	CLASS		HOURS (L.S.T.)
	CONDITION		

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	2.0	.8	.2								5.4	4.7
NNE	.4	.3	.3									1.1	4.8
NE	1.3	.1										1.4	2.9
ENE		.3										.7	4.0
E	.4	.3										.6	3.7
ESE	.7	.3	.2									1.1	4.5
SE	1.5	.3	.2									2.4	3.3
SSE	.4	.6	.4									1.5	5.1
S	5.4	3.2	.5									9.7	3.7
SSW	3.9	3.3	.6									7.8	4.0
SW	2.5	2.4	.3									8.2	3.5
WSW	2.6	1.0	.3									3.9	3.7
W	2.1	3.0	.9	.2								7.0	4.6
WNW	1.9	1.8	1.6	.5	.1	.1						6.1	6.5
NW	3.2	2.7	2.4	.2								3.8	4.9
NNW	1.4	1.9	2.8	.6								6.8	6.8
VARBL													
CALM												28.0	
	34.4	23.8	11.4	1.8	.1	.1						100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

2

ATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22211 STATION NO. 22211 STATION NAME FT. WILSON, MO/MUSKOGEE BOUT. ART 57-66 YEARS MONTH JUL
CLASS ALL WEATHER HOURS (L.E.T.) 0300-0500
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.0	1.2	.1									3.9	3.6
NNE	1.1	.2	.1									1.3	3.8
NE	1.1		.1									1.2	3.2
ENE	.1											.1	1.0
E	.4	.4	.1									1.0	4.2
ESE	.4	.2	.1									.8	3.7
SE	1.3	.3										1.6	2.7
SSE	.0	.4	.2									1.7	4.2
S	3.3	4.8	.9	.1								11.1	4.1
SSW	3.4	4.2	.9									8.5	4.3
SW	6.5	1.6	.4									8.5	3.3
WSW	1.3	.8	.4									2.5	4.2
W	3.3	2.0	2.0	.2								7.6	5.0
WNW	.9	.4	1.5	.5	.1	.2						4.1	8.2
NW	3.0	1.4	2.0	.4								6.9	5.4
NNW	1.3	1.2	2.2	.8								5.4	6.9
VARBL													
CALM												34.0	
	32.5	20.1	11.1	2.0	.1	.2						100.0	3.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
AFAC/USAF
AIR WEATHER SERVICE/AFAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

20214 STATION FULTON HILLSON HC/MUSKOGEE OUT APT 57-66 YEARS JUL MONTH
ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.6	1.9	.4	.1								3.1	5.1
NNE	.5	.8	.3									1.6	4.5
NE	.9	.6										1.5	3.7
ENE	.1	.1										.2	3.5
E	1.0	.3										1.3	3.2
ESE	.3	.4	.1									.9	4.1
SE	3.4	.9	.1									4.4	3.2
SSE	2.9	1.4	.1									4.4	3.4
S	10.4	8.5	1.2									20.0	3.9
SSW	3.3	4.0	1.2	.1								8.6	4.5
SW	3.2	1.3	.8									5.3	4.0
WSW	.6	.9	1.0									2.3	5.4
W	1.7	1.3	1.6	.3	.1	.1						5.4	6.4
WNW	1.0	1.5	2.0	1.4	.1							6.0	7.9
NW	1.0	1.2	2.7	1.7								6.3	7.0
NNW	1.0	1.8	1.6	1.5								5.9	7.6
VARBL													
CALM												22.0	
	32.0	26.9	13.1	4.3	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 PAC/USAF
 AIR WEATHER SERVICE/PAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

15215 STATION FORT NELSON RC/NUSKWA DUT APT 57-66 JUL MONTH
 ALL WEATHER CLASS 0900-1100 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	.4	1.3	2.8	.7								5.7	6.8
NNE	.2	1.5	.5									2.6	5.0
NE	1.6	1.3	.3									3.7	4.0
ENE	.4	.3	.6									1.4	3.5
E	2.4	1.2	.6									4.7	4.2
ESE	.6	1.1	.9									2.6	3.4
SE	3.8	3.2	.1	.1								9.2	3.6
SSE	4.1	3.1	1.1	.1								8.4	4.2
S	6.1	4.2	.6									11.0	3.9
SSW	1.2	1.1	.4									2.7	4.6
SW	1.5	.6	.6	.2								3.1	5.0
WSW	.7	.6	.9	.3								2.0	7.2
W	1.1	1.4	2.0	1.2		.1						5.7	8.0
WNW	.4	1.3	2.8	4.2	.4	.1						9.6	10.3
NW	.8	2.3	5.1	2.2	.3							10.5	8.6
NNW	.7	2.0	3.5	2.0								8.5	8.7
VARBL													
CALM												10.1	
	24.8	26.6	23.0	10.5	.5	.2						100.0	5.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/PAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22210 STATION EDDY NELSON HC/HUSKWA DQT APT 57-66 YEARS JUL MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	1.8	2.6	1.2								7.5	6.8
NNE	.8	1.4	1.5	.4								4.1	6.3
NE	1.7	1.9	.5	.2								4.4	4.9
ENE	.4	1.1	.8	.3								2.6	6.3
E	1.1	1.1	.6		.1							2.9	5.1
ESE	1.2	1.6	.6	.1								3.5	5.0
SE	4.0	3.9	1.7	.4								10.0	5.0
SSE	1.8	1.6	1.5	.2								4.9	5.6
S	3.0	2.7	.5	.1								6.3	4.3
SSW	1.3	1.0	.5	.5								3.3	6.0
SW	.5	1.1	.9	.2								2.7	6.2
WSW	.5	.9	1.3	.6	.1							3.4	5.0
W	1.2	1.5	1.9	1.8								6.5	7.8
WNW	.6	1.3	3.3	3.4	.4							9.1	9.7
NW	1.5	1.0	5.4	3.8	.4							12.0	9.4
NNW	.4	2.2	4.8	2.9								10.3	8.8
VARBL													
CALM												6.2	
	21.8	25.4	28.6	16.3	1.1							100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

75218
STATION

FORT NELSON BC/MUSKWA DUT APT
STATION NAME

57-66
YEARS

JUL
MONTH

ALL WEATHER
CLASS

1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.5	4.5	1.0								9.4	7.3
NNE	.5	1.5	2.0	.5								4.4	7.2
NE	1.2	2.4	1.9	.1								5.6	5.4
ENE	.2	1.2	1.0									2.4	6.1
E	2.5	.6	.5	.3								4.0	4.5
ESE	.5	1.6	1.6	.1								3.9	6.3
SE	2.3	3.9	1.3	.1								7.3	4.9
SSE	.8	1.9	1.2	.5								4.4	6.2
S	2.2	3.2	.9									6.2	4.4
SSW	1.0	.9	1.1	.2								3.1	6.1
SW	.4	.4	1.2	.6								2.7	8.4
WSW	.6	1.1	1.0	.3								3.7	6.5
W	.8	1.3	2.8	.8	.1		.1					5.8	8.3
WNW	.3	1.4	3.1	2.5	.3							8.2	9.3
NW	1.0	1.8	3.2	3.5	.2							11.7	9.2
NNW	.6	3.1	4.0	2.8								10.5	8.3
VARBL													
CALM												7.0	
	16.2	29.4	33.2	13.4	.6		.1					100.0	6.6

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/ IAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521^R STATION FIG T NELSON BC/ MUSKWA DDT APT STATION NAME 57-66 YEARS JUL MONTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.4	3.5	2.9	.9	.1							9.8	6.2
NNE	1.9	2.2	1.2	.2								5.5	5.1
NE	1.9	1.8	.5									4.3	4.5
ENE	.8	1.8	.6									3.2	4.8
E	2.2	1.3	.4	.1								4.0	4.3
ESE	1.9	1.9	.6	.1								4.6	4.6
SE	3.0	2.0	.8	.1								5.9	4.3
SSE	1.6	.8	.2	.2								2.8	4.7
S	3.6	1.4	.4									5.6	3.6
SSW	1.6	.9	.8									2.8	4.8
SW	1.9	1.1	.5	.3								3.9	4.8
WSW	.3	.9	.6	.1								1.9	6.0
W	1.8	1.3	1.5	.8	.1							5.5	6.6
WNW	1.4	2.7	3.5	.8								8.4	6.9
NW	2.5	4.1	4.2	1.9	.1							12.8	6.9
NNW	2.2	2.4	3.4	1.2	.1							9.7	6.9
VARBL													
CALM												9.8	
	30.8	30.0	22.4	6.7	.4							100.0	5.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS JUL MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.2	2.2	1.6	.2								7.2	5.0
NNE	.9	.4	.6	.1								2.0	3.3
NE	2.0	.6	.2									2.9	3.7
ENE	.3	.2										.5	3.0
E	1.2	.3	.2									1.7	3.8
ESE	1.0	.5	.4	.1								2.0	3.1
SE	1.4	1.6	.4									4.0	4.1
SSE	1.2	.6	.5	.1								2.5	5.0
S	4.2	1.4										5.6	3.0
SSW	1.6	1.7	.2									3.3	3.9
SW	3.1	1.6	.3	.1								5.2	3.9
WSW	1.5	1.6	.5	.1								3.8	4.4
W	4.2	3.3	2.0	.2								9.8	4.8
WNW	1.4	3.0	1.9	.6								7.6	6.2
NW	4.1	4.2	3.0	.5								11.8	5.4
NNW	1.3	2.9	3.3	.9	.1							8.5	7.1
VARBL													
CALM												21.1	
	33.9	26.3	15.5	3.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

22215 STATION FORT NELSON BC/HUSKWA DPT APT 57-66 YEARS AUG MONTH
 CLASS ALL WEATHER
 HOURS (L.S.T.) 0000-0200

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	1.4	1.2	.5								7.1	4.8
NNE	1.0	.5	.2	.1								1.8	4.5
NE	.5	.1										.6	3.0
ENE	.5	.2										.8	3.4
E	.7	.2										.4	4.0
ESE	.1	.3	.1									.5	3.6
SE	1.4	.9	.2									2.5	4.0
SSE	.6	.5	.1									1.3	4.1
S	5.5	4.5	.9									10.9	4.0
SSW	3.9	3.3	.8	.1								8.1	4.2
SW	3.7	2.0	.1									5.8	3.4
WSW	1.7	1.1	.1									2.6	3.6
W	3.3	2.4	1.9									7.6	4.7
WNW	.5	.6	1.4	.5								3.1	7.9
NW	3.3	2.2	2.6	.5								8.6	5.5
NNW	2.6	1.9	3.7	.8								8.6	6.4
VARBL													
CALM												20.0	
	32.4	22.3	13.2	2.6								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS AUG MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.8	1.7	.6	.3								5.5	4.6
NNE	.5	.4	.2									1.2	4.6
NE	.6	.4	.1									1.2	3.9
ENE	.6											.6	2.0
E	.5											.6	2.5
ESE	.6	.4	.2									.9	3.1
SE	.9	.6										1.5	3.3
SSE	1.3	.2										1.5	2.9
S	7.3	6.7	1.9	.1								16.0	4.3
SSW	4.8	3.8	1.0									9.6	4.0
SW	3.4	2.6	1.2									7.1	4.2
WSW	1.3	.5	.1	.1								2.0	4.0
W	3.0	1.5	1.3	.3								6.1	4.8
WNW	1.0	.9	.9	.2								2.9	3.9
NW	1.8	1.9	2.6	.6								7.0	6.4
NNW	2.4	1.9	2.4	.6								7.3	6.2
VARBL													
CALM												28.7	
	32.8	23.7	12.5	2.4								100.0	3.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2221 STATION FORT NELSON BC/MUSKWA DDT APT 57-66 YEARS
STATION NAME MONTH
ALL WEATHER CLASS 0000-0800
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	1.8	1.4	.2								6.1	4.9
NNE	1.5	.4	.1									2.0	3.3
NE	.6	.5										1.1	3.6
ENE	.5	.2										.4	3.6
E	1.1	.1										1.2	2.6
ESE	.4	.2	.2									.9	4.8
SE	2.2	.5	.1									2.8	3.1
SSE	2.7	.9	.3									3.9	3.5
S	11.3	9.4	1.6									22.3	3.9
SSW	3.9	5.7	1.5									11.1	4.5
SW	3.1	2.4	1.0									6.5	4.3
WSW	.7	.2	.3	.2								1.5	6.1
W	1.7	.6	.5	.1								2.3	5.3
WNW	1.1	1.0	1.0	.4	.1							3.5	6.9
NW	1.4	2.5	2.2	1.0								7.0	6.7
NNW	1.4	2.0	3.7	1.2								8.1	7.5
VARBL													
CALM												19.1	
	35.3	28.5	13.9	3.1	.1							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25217 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS AUG MONTH
ALL WEATHER CLASS 0900-1100 HOURS (LST)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.4	2.2	.6								7.0	6.2
NNE	.5	1.0	1.2	.1								2.8	6.2
NE	.4	1.4	.1									2.4	4.3
ENE	1.0	.5	.3									1.9	4.1
E	1.3	.2										1.5	2.8
ESE	1.3	.6	.5	.2								2.9	5.0
SE	5.5	2.5	.3									8.1	3.6
SSE	2.4	2.4	.6									5.4	4.1
S	6.1	5.1	2.3									13.4	4.3
SSW	2.5	3.1	1.1									6.5	4.7
SW	.6	1.2	1.2	.1								3.1	4.0
WSW	.7	.3	.8	.3								1.6	7.9
W	1.4	.8	1.7	.9								4.7	6.7
WNW	.5	.7	2.8	2.6								6.8	9.6
NW	1.4	2.2	4.1	2.5								10.1	8.4
NNW	.6	1.3	4.0	2.7	.2							9.0	9.3
VARBL													
CALM												12.7	
	28.1	25.4	23.1	10.0	.2							100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 930

2

ATA PROFESSIONAL DIVISION
ETAC/USAF
AIR EATER SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2221 STATION 2221 ALL SEASIDE/ROCKWALL APT 57-65 MONTH 1200-1400
STATION NAME CLASS HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.9	2.5	.6								7.4	6.5
NNE	.4	1.6	.9	1.0								3.9	7.3
NE	2.2	1.7	.4									4.3	4.2
ENE	.4	.5	.4									1.7	4.5
E	1.4	.9	.4									2.6	4.1
ESE	1.4	1.2	1.1	.2								3.9	5.6
SE	3.3	3.4	3.2	.6								10.5	3.6
SSE	3.3	2.6	.9	.2								7.7	4.6
S	3.1	3.0	1.4									7.5	4.6
SSW	.0	1.1	1.2									3.0	5.8
SW	.5	1.0	1.1	.2								3.8	5.9
WSW	.0	.0	.6	.4								2.6	7.7
W	1.1	.6	2.0	1.3								5.1	8.0
WNW	.0	1.2	2.3	2.6	.1							6.7	9.7
NW	1.0	1.7	4.9	3.0	.1							11.4	4.5
NNW	1.0	1.5	6.1	2.5	.2							11.4	9.0
VARBL												7.7	
CALM													
	23.7	25.6	29.5	13.1	.4							100.0	6.2

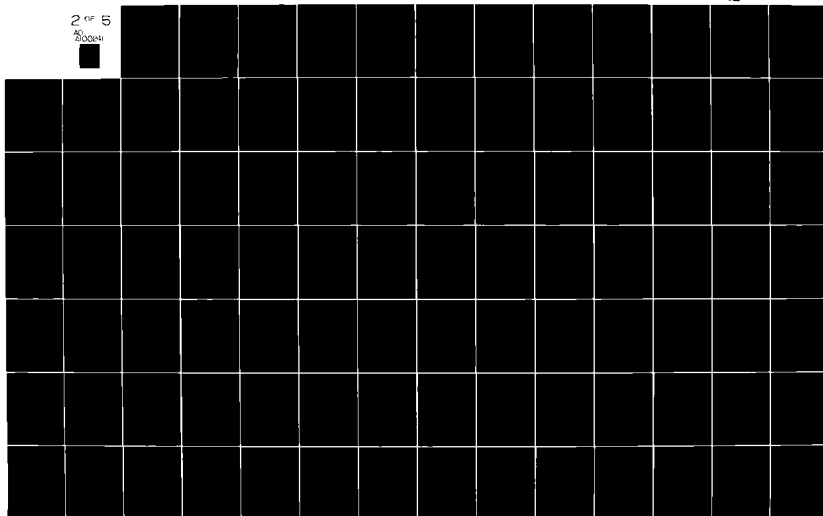
TOTAL NUMBER OF OBSERVATIONS

930

USAFETAC FORM 64 (R 5 (OL 1)) PREPARED BY THE AIR FORCE ENGINEERING CENTER

AD-A100 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
JAN 72
UNCLASSIFIED USAFETAC/US-81/036 SBIE-AD-E850 06A ML

2 of 5
AD
200041



2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/ASAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25213 STATION FIRST NELSON FC/MUSKWA DUT APT 57-66 AUG
 STATION NAME YEARS MONTH
 ALL WEATHER CLASS
 1900-1700 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	2.9	2.3	1.3								8.2	6.4
NNE	1.4	1.4	2.5	.5								5.8	6.7
NE	2.7	2.8	1.2	.1								6.8	4.8
ENE	1.0	1.5	.3									3.4	4.1
E	2.0	1.2	1.1									4.9	4.4
ESE	1.4	1.2	1.2	.5								4.3	5.9
SE	3.5	3.7	2.3	.3								9.2	5.2
SSE	2.4	1.7	.5	.1								5.3	4.4
S	3.4	2.0	1.1									6.6	4.0
SSW	1.0	.9	.3									2.2	4.4
SW	1.2	.5	.5	.1								2.4	5.0
WSW	.4	.5	.5	.1		.1						1.7	7.4
W	.8	1.0	1.6	.4	.1							3.9	7.4
WNW	.0	1.3	1.6	1.9	.1							5.6	8.9
NW	1.0	2.8	4.4	2.2	.2	.1						10.6	8.4
NNW	.4	2.0	4.7	3.0	.2							11.0	9.0
VARBL													
CALM												7.7	
	26.7	28.0	26.1	10.6	.0	.2						100.0	5.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25212 STATION FORT NELSON RC/MUSKWA OUT APT 57-66 YEARS AUG MONTH
1800-2000 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	3.0	1.8	.8								10.0	5.1
NNE	1.8	1.4	.1	.3								3.7	4.5
NE	3.4	1.8	.4	.3								6.0	4.2
ENE	1.0	.3	.4									1.7	4.4
E	2.3	1.3	.5									4.1	4.0
ESE	1.8	1.0	.4	.3								3.5	4.7
SE	5.7	2.6	1.0									9.2	3.8
SSE	1.5	.8	.1									2.4	3.6
S	2.4	1.4	.1									4.4	3.4
SSW	1.0	.2	.2									1.4	3.8
SW	2.4	.8	.1									3.7	3.4
WSW	.3	.5	.3									1.2	4.0
W	3.0	2.3	.9	.2								6.3	4.5
WNW	.9	1.4	1.8	.4								4.5	6.9
NW	3.5	2.8	3.7	1.4								11.4	6.2
NNW	1.4	3.1	3.2	1.0								9.2	6.7
VARBL													
CALM												17.6	
	37.8	24.6	15.2	4.7								100.0	4.1

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 RTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2321st STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS AUG MONTH
 CLASS ALL WEATHER 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	2.9	1.5	.4								8.7	4.6
NNE	.2	.9	.4	.3								1.8	6.9
NE	1.4	.2	.2									1.0	3.2
ENE	.2	.2										.4	4.3
E	1.4	.3	.1									1.8	3.1
ESE	.4	.5	.1									1.1	4.5
SE	3.2	1.3	.8	.1								5.4	4.0
SSE	1.2	.9	.1									2.2	3.7
S	4.4	2.2	.3									7.4	3.6
SSW	1.8	1.4	.1									3.3	3.7
SW	4.2	1.4										5.6	3.2
WSW	2.0	.5	.4									3.0	3.8
W	3.4	2.3	1.2	.1								7.4	4.4
WNW	1.1	1.4	2.4	.2								5.1	6.7
NW	5.5	2.3	2.3	.8								10.8	5.0
NNW	2.5	2.0	2.4	1.3								8.2	6.5
VARBL													
CALM												26.0	
	37.8	20.6	12.3	3.2								100.0	3.4

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25215 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS SFP
STATION NAME MONTH
ALL WEATHER CLASS 0000-0200
CONDITION HOURS (L S T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	2.2	.9	.2								5.6	4.9
NNE	1.0	.1	.2	.1								1.4	4.3
NE	1.6	.2										1.8	2.9
ENE	.1	.6	.3									1.7	3.8
E	.8	.1	.2									1.1	3.8
ESE	.6	.8	.3									1.7	4.7
SE	1.1	1.3	.8									3.2	4.7
SSE	1.1	.8	.3									2.2	4.4
S	6.9	7.2	.4									14.6	4.0
SSW	4.4	5.2	1.6	.1								11.8	4.4
SW	4.4	3.0	.8									8.2	3.9
WSW	1.8	.8	.2	.3								3.1	4.6
W	2.4	.9	.8									4.6	4.2
WNW	.8	.9	1.1	1.2								4.0	7.9
NW	1.9	1.2	1.4	.6								5.1	6.0
NNW	.8	3.3	2.2	.9								7.2	7.0
VARBL													
CALM												23.4	
	32.8	28.7	11.7	3.9								100.	3.7

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/MUSKWA OUT APT STATION NAME 57-66 YEARS SEP MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.2	1.4	1.0	.2	.1							5.0	5.1
NNE	1.0	.1	.3									1.4	4.0
NE	1.3	.2	.1									1.7	3.3
ENE	.2	.1										.3	3.3
E	.9	.6										1.4	3.3
ESE	.8	.7	.1									1.6	4.0
SE	1.4	1.3	.2									3.0	4.1
SSE	1.3	.7										2.0	3.3
S	10.7	7.6	1.9									20.1	4.0
SSW	4.9	4.0	1.4									10.3	4.2
SW	4.8	1.4	.8									7.0	3.8
WSW	1.1	.6	.4									2.1	4.5
W	1.8	1.0	.9	.4								4.1	3.6
WNW	1.2	.4	1.1	.6	.1							3.4	7.0
NW	1.4	.3	2.1	.3								4.0	6.6
NNW	2.0	1.9	3.3	.9								8.1	6.7
VARBL													
CALM												24.3	
	36.4	22.3	13.8	2.4	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210
STATIONFIGHT NELSON BC/MUSKWA DUT APT
STATION NAME57-66
YEARSSEP
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	1.6	1.0	.2								6.2	4.5
NNE	.9	.2	.1									1.3	3.5
NE	1.0	.2										1.2	2.9
ENE		.1										.1	4.0
E	1.6	.1										1.7	2.9
ESE	1.1	.3	.1									1.6	3.6
SE	1.6	1.1	.9									3.6	4.4
SSE	3.0	.9	.1									4.0	3.3
S	12.2	8.2	1.6	.1								22.1	3.9
SSW	5.9	4.8	2.0									12.7	4.4
SW	3.2	1.7	.2	.1								5.4	3.9
WSW	1.2	.1	.3	.1								1.8	4.6
W	1.6	.7	.4	.6								3.2	5.6
WNW	.7	.4	.6	.6	.3							2.6	8.7
NW	1.1	1.8	2.6	.2								5.8	6.4
NNW	2.1	2.1	2.6	.3								7.1	6.0
VARBL													
CALM												19.7	
	40.6	24.7	12.4	2.3	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ITAC/USAF
AIR WEATHER SERVICE/16C

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

25218 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS SEP MONTH
0900-1100 HOURS (L.S.T.)
ALL WEATHER CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.7	1.0	1.4	.3	.1							5.1	5.8
NNE	.4	.2	.2	.2								1.0	6.7
NE	1.4	.4	.1									2.0	3.4
ENE	.6	.1										.7	3.0
E	1.3	.3	.3									2.0	3.9
ESE	1.1	.8	.4	.1								2.4	4.7
SE	3.1	1.4	.4									7.4	3.5
SSE	3.3	2.7	.3	.1								6.4	4.1
S	4.0	7.8	1.7	.1								19.3	4.1
SSW	2.0	4.8	.9	.1								7.8	4.7
SW	2.7	1.2	1.2									5.1	4.7
WSW	.1	.1	.2	.2								.7	7.8
W	.1	.4	.8	.8	.1							2.2	9.6
WNW	.3	.3	1.1	2.6	.7	.4						3.9	12.2
NW	1.1	1.0	2.8	1.8	.4	.2						7.3	9.4
NNW	.0	1.9	4.1	1.4	.1	.1						8.4	8.4
VARBL													
CALM												16.1	
	31.0	20.0	16.1	7.8	1.4	.8						100.0	4.9

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/MUSKWA DDT APT 57-66 YEARS SEP MONTH
 CLASS ALL WEATHER
 HOURS (L.S.T.) 1200-1400

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	1.4	2.1	2.2	.7	.1							6.6	6.7
NNE	1.1	1.4	1.7		.1							4.3	5.9
NE	2.3	1.2	.6									4.1	4.1
ENE	.8	.4	.7									1.9	5.2
E	1.7	.4	.7	.1								2.9	4.7
ESE	1.6	1.1	.4									3.1	4.4
SE	4.6	2.1	1.2									8.1	4.0
SSE	3.4	2.7	.4	.4								7.0	4.3
S	4.3	3.0	1.6	.2								9.1	4.5
SSW	.9	2.1	.6									3.6	4.7
SW	.7	.8	1.1	.1								2.7	5.9
WSW	.3	.6	1.1	.2								2.2	7.4
W	.4	.9	1.3	1.0	.2							3.9	9.3
WNW	.6	1.6	1.7	2.1	.6	.2						6.6	10.4
NW	1.7	2.9	3.4	3.6	.7	.2						12.4	9.3
NNW	1.0	2.8	3.6	1.9		.1						9.3	8.0
VARBL													
CALM												12.2	
	26.4	26.1	22.2	10.3	1.7	.6						100.0	5.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25217 STATION FORT NELSON RC/MUSKWA DUT APT 57-66 YEARS SEP MONTH
1500-1700 HOURS (L.S.T.)

ALL WEATHER

CLASS

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.0	3.0	.7	.1							3.9	6.2
NNE	1.9	2.2	1.4	.6	.1							6.4	6.1
NE	2.0	1.4	1.1									4.6	4.6
ENE	1.3	.4	.1									1.9	3.3
E	1.9	1.6	1.2									4.7	4.8
ESE	2.0	1.8	.6									4.3	4.3
SE	3.4	2.3	1.0									6.8	4.3
SSE	2.3	1.9	.6									4.8	4.3
S	4.3	2.4	.1									7.3	3.4
SSW	1.2	.4	.4									2.1	4.2
SW	2.0	1.0	1.0									4.1	4.6
WSW		.4	.4									.9	6.8
W	.7	1.6	.9	1.0	.1	.1						4.3	8.1
WNW	.8	1.0	1.6	1.3	.4							5.1	9.0
NW	1.2	2.4	3.6	2.6	.3	.1						10.2	8.6
NNW	2.2	3.0	5.1	2.1								12.4	7.4
VARBL													
CALM												11.2	
	29.9	27.0	22.1	8.4	1.1	.2						100.0	5.3

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/1AC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION EAST WELSH BC/HUSKWA DIT APT 57-66 SEP
 MONTH
 CLASS ALL WEATHER
 HOURS (LST) 1600-2000
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.3	2.3	1.1	.4								8.6	4.8
NNE	2.1		.8									2.9	3.8
NE	1.0	.2	.3									2.1	3.6
ENE	.8	.4										1.2	3.5
E	2.3	1.2	.2									3.8	3.7
ESE	1.3	1.2	.9									3.4	5.0
SE	2.0	1.7	.6									4.2	4.2
SSE	1.6	.8	.1									2.1	3.6
S	3.6	1.0	.2									5.3	3.4
SSW	1.3	1.0	.2									2.6	4.3
SW	3.0	1.7	1.0									5.7	4.2
WSW	1.7	.9	.1	.1								2.8	3.9
W	3.6	4.3	.3		.1							6.6	3.9
WNW	1.4	1.8	1.1	.9	.1							5.3	6.8
NW	3.3	3.3	1.7	1.1	.1							11.6	5.2
NNW	2.0	2.9	3.4	.9								9.8	6.5
VARBL													
CALM												22.1	
	38.3	23.3	12.1	3.8	.3							100.0	3.7

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 ETAC/USAF
 AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25213 STATION 25213 PORT WILSON BC/HUSKWA DUT APT 57-66 YEARS 57P
 MONTH 2100-2300
 HOURS (L.S.T.)
 ALL WEATHER
 CLASS
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.6	2.4	.6	.3								7.1	4.2
NNE	.4	.7										1.1	4.0
NE	1.0	.4	.1	.1								1.7	4.2
ENE	.2	.3	.2									.8	5.0
E	.6	.3	.1									1.0	3.6
ESE	.3	1.2	.7	.3								2.6	6.4
SE	1.4	1.1	1.0									3.6	4.8
SSE	.9	.9	.3									2.1	4.6
S	4.0	4.6	.1									8.7	3.8
SSW	3.0	2.8	1.2									7.8	4.3
SW	2.1	1.8	.9									7.8	3.6
WSW	1.7	1.3	.3									3.3	4.4
W	3.2	1.0	1.4	.2								5.9	4.7
WNW	1.0	1.1	1.1	.6	.2							4.6	6.5
NW	3.0	2.3	.9	1.0	.3							7.6	6.0
NNW	1.8	2.4	3.0	.7								7.9	6.5
VARBL													
CALM												26.4	
	33.7	24.8	12.0	3.2	.6							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 DTIC/USAF
 AIR CENTER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521 STATION 57-66 BC/MSKWA OUT APT 57-66 CT
 ALL WEATHER CLASS 0000-0200
 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.2	3.4	1.0	.0								2.2	4.7
NNE	.6	.9	.2									1.7	4.4
NE	2.2	.6	.2	.1								3.1	3.8
ENE	.3	.1	.3	.1								.8	5.1
E	.5	.6	.2									1.4	4.5
ESE	.3	.1										.5	3.6
SE	1.2	1.2	.4	.2								3.0	5.1
SSE	.8	.9	.3									1.8	4.5
S	7.7	7.1	2.5									17.3	4.4
SSW	3.7	4.5	1.6									9.8	4.6
SW	3.9	1.7	1.6	.2								7.4	4.5
WSW	.3	.6	.1									1.5	3.9
W	1.6	1.0	.4	.1								3.1	4.3
WNW	.4	.3	.5	.3								2.0	6.0
NW	2.7	1.1	1.0	.9								5.6	5.6
NNW	2.2	3.0	1.8	1.0								8.0	6.1
VARBL													
CALM												23.4	
	33.5	27.2	12.3	3.3								100.0	3.7

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 20210 FORT NELSON PC/MUSKWA DST APT 57-06 CT MONTH
CLASS ALL WEATHER 0300-0500
CONDITION HOURS (L & T)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	3.0	1.0	.3								8.7	4.4
NNE	1.3	1.5	.8									3.5	4.9
NE	1.7	.6										2.4	3.3
ENE		.1										.1	6.0
E	.4	.3										.8	3.0
ESE	.5	.4	.2									1.2	4.4
SE	1.0	1.0	.3	.2								3.1	4.5
SSE	1.1	.9	.1									2.0	3.8
S	5.9	7.1	3.0									16.0	4.7
SSW	3.1	4.6	2.4	.1								10.1	5.0
SW	4.5	2.0	1.3									8.6	4.3
WSW	.4	1.0	.1									1.5	4.4
W	2.1	.4	.4									2.9	3.7
WNW	.9	.6	.6	.3								2.0	6.5
NW	2.9	1.8	1.2	.3								6.2	5.1
NNW	1.7	1.9	1.5	.6	.1							5.9	6.5
VARBL													
CALM												24.6	
	32.1	27.7	12.9	1.9	.1							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

2

ATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/PAF

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25211 STATION FORT NELSON BC/MUSKWA DUT APT 37-66 YEARS OCT MONTH
 ALL WEATHER CLASS 0600-0800 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	2.0	2.0	.3								8.6	5.0
NNE	1.4	1.0	.6	.2								3.8	4.9
NE	1.7	.7	.1									2.4	3.2
ENE	.6	.1										.3	3.0
E	.9	.1										1.0	2.8
ESE	.0	.2	.2	.3								1.4	6.3
SE	1.1	1.0	.3									2.3	4.1
SSE	1.3	.6	.1									2.0	3.7
S	9.1	7.1	3.5									19.8	4.4
SSW	3.7	5.3	2.2									10.4	4.8
SW	3.7	1.4	.9									6.5	4.0
WSW	1.2	.5		.1								1.8	3.8
W	2.3	.6	.3									3.2	3.5
WNW	.6	.5	.4	.3	.1							2.0	7.3
NW	2.3	1.5	1.1	1.0	.1							5.9	6.0
NNW	2.2	.6	1.4	.5								4.7	6.0
VARBL													
CALM												23.9	
	35.6	24.3	13.2	2.8	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25215 STATION FORT WELSH BC/MUSKWA DUT APT 57-66 YEARS MONTH OCT
CLASS ALL WEATHER HOURS (L S Y) 0900-1100

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.1	3.7	2.2	.5	.1							9.6	5.6
NNE	1.1	.3	.3	.1								1.8	4.6
NE	2.0	.2										2.3	2.9
ENE	.2	.1	.1									.4	4.5
E	1.5	.3	.1									1.9	3.1
ESE	1.1	.2	.1									1.4	3.2
SE	3.4	1.7	.4	.3								5.0	4.2
SSE	2.0	1.2	1.1									5.1	4.5
S	8.6	6.1	3.5									18.5	4.4
SSW	3.3	4.2	1.7	.3								7.6	5.0
SW	2.2	1.7	.9									4.7	4.5
WSW	.4		.3	.2	.1							1.1	8.0
W	1.1	.2	.2	.1	.1							1.7	5.3
WNW	1.3	.1	.5	.6		.1						2.7	7.5
NW	1.7	1.7	1.2	1.4	.3							6.3	7.4
NNW	1.0	1.3	1.2	1.6								4.1	7.9
VARBL													
CALM												21.9	
	33.1	23.1	13.9	3.3	.6	.1						100.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 (TAC/USA)
 AIR WEATHER SERVICE TAC

SURFACE WINDS

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

25210 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS OCT NORTH
 ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.1	3.2	1.7	.8								7.7	5.8
NNE	1.6	1.4	.3	.1								3.4	4.5
NE	2.8	1.9	.1									4.8	3.6
ENE	.3	.8										1.1	4.4
E	2.5	.9	.1									3.4	3.4
ESE	1.4	1.2	.4									3.0	4.5
SE	4.1	1.4	.6	.3	.1							6.6	4.5
SSE	2.0	1.0	.8	.1								3.9	4.5
S	6.6	4.3	1.0		.1							11.9	3.9
SSW	1.6	2.4	1.8									5.8	3.4
SW	1.7	1.1	1.5									4.3	5.1
WSW	.1	.5	1.5	.9	.1							3.1	9.5
W	.9	.3	.4	1.0	.3		.1					3.0	9.5
WNW		.6	.5	.9	.5	.1						2.7	12.0
NW	1.7	1.9	1.1	1.2	.3	.1						5.6	8.1
NNW	1.2	2.2	3.4	1.5	.3							8.6	8.2
VARBL													
CALM												21.0	
	24.8	25.1	15.4	6.7	1.8	.2	.1					100.0	4.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25215 STATION FORT NELSON RC/MUSKWA DUT APT 57-66 YEARS MONTH OCT
CLASS ALL WEATHER 1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.1	4.3	2.5	.5								11.4	5.2
NNE	2.7	1.0	.4	.1								4.2	4.0
NE	2.4	2.4	.2	.3								5.8	4.2
ENE	1.2	.5										1.7	3.4
E	3.4	1.5	.2	.1	.1							5.4	3.9
ESE	1.9	.9	1.2									4.0	5.0
SE	2.0	1.2	1.1									4.8	4.4
SSE	1.3	.6	.5	.1								2.6	4.6
S	4.4	2.5	.5	.2								8.1	3.9
SSW	1.4	1.8	.2	.1								3.5	4.5
SW	2.0	1.2	.2	.1								4.1	3.7
WSW	.4	.3	.5	.4								1.7	7.3
W	.3	.9	1.3	.8								3.2	8.1
WNW	.8	.6	1.0	.8	.4	.2	.1					3.9	10.1
NW	2.0	1.9	1.8	1.7	.3							7.8	7.5
NNW	1.5	1.7	2.3	1.1	.2							6.8	7.3
VARBL													
CALM												21.0	
	34.0	23.3	14.0	6.3	1.1	.2	.1					100.0	4.3

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS CT NORTH
ALL WEATHER CLASS 1800-2000 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.9	3.1	1.3	.2								10.2	4.3
NNE	1.6	1.0	.4	.2								3.4	4.8
NE	1.7	.3	.2									2.3	3.5
ENE	1.3	.4	.2	.1								2.0	4.2
E	1.0	.8	.2									1.9	3.9
ESE	.2	.3	.8									1.3	6.2
SE	1.6	1.4	.5	.2								3.8	4.6
SSE	.8	.6	.4	.1								1.9	5.4
S	3.3	2.7	.6	.1								6.4	4.1
SSW	2.0	2.5	.4	.2								5.2	4.6
SW	3.0	1.7	1.4	.1								6.2	4.8
WSW	1.3	1.1	1.0	.1								3.4	5.1
W	3.4	1.3	1.2	.4								6.3	4.8
WNW	1.4	1.2	1.3	1.3	.2							5.4	7.6
NW	3.7	2.4	1.4	.2								7.6	4.7
NNW	2.5	3.2	2.5	1.3	.2							9.5	6.7
VARBL													
CALM												22.7	
	33.8	24.6	13.9	4.6	.4							100.0	3.9

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210 STATION FORT NELSON FC/MUSKWA OUT APT 57-66 YEARS OCT MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.5	3.3	1.4	.3								8.6	4.8
NNE	1.9	1.2	.6									3.8	4.3
NE	1.6	.6	.6									2.9	4.4
ENE	.1	.1	.3									.5	6.6
E	1.0	.4	.3									1.7	4.2
ESE	.6	.4	.2									1.3	4.3
SE	2.4	.8	.4	.1								3.7	4.1
SSE	.4	.6	.5									2.2	4.9
S	4.9	4.3	1.4									10.6	4.2
SSW	2.4	3.7	1.1									7.6	4.6
SW	4.1	3.3	1.2									8.6	4.4
WSW	1.0	1.0	.4									3.2	4.1
W	3.7	.6	.8									4.4	3.8
WNW	1.3	.5	1.2	.6								3.7	6.7
NW	2.2	1.3	1.3	.1								4.8	5.2
NNW	2.6	2.8	2.6	.5	.2							8.7	6.2
VARBL													
CALM												23.8	
	34.8	25.1	14.4	1.7	.2							100.0	3.6

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521A STATION FORT NELSON BC/MUSKWA DUT APT 57-66 NOV MONTH
STATION NAME YEARS
ALL WEATHER CLASS
CONDITION

0000-0200
HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	3.2	2.8	.3								9.2	5.4
NNE	2.0	.8	.1									2.9	3.6
NE	.6	.4	.1									1.1	3.8
ENE	.1											.1	3.0
E	.6	.1										.7	3.0
ESE	.4	.4										.7	3.4
SE	1.2	.4	.1									1.9	3.5
SSE	.7		.1									.8	3.4
S	7.7	4.2	1.0									12.9	3.6
SSW	4.2	3.7	1.2									9.1	4.2
SW	4.9	.9	.8									6.6	3.6
WSW	1.1	.3										1.4	3.2
W	1.3	.3	.6	.2								2.4	5.3
WNW	.7	.6	.4	.2	.1							2.0	6.9
NW	2.7	1.7	.9	.6	.2							6.0	5.4
NNW	3.7	3.2	3.3	.7	.1	.2						11.2	6.1
VARBL													
CALM												30.8	
	34.8	20.3	11.4	2.0	.4	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS NOV MONTH
ALL WEATHER CLASS 0300-0500 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.7	1.6	.1								7.7	4.6
NNE	1.4	.9	.2									2.5	3.7
NE	1.6	.4										2.0	3.1
ENE	.2	.2										.4	3.5
E	.9	.2										1.1	2.8
ESE	.3	.6										.9	4.0
SE	1.4	.8										2.2	3.1
SSE	.7	.1										.8	2.9
S	8.4	4.2	1.4									14.1	3.7
SSW	4.4	3.7	1.3									9.4	4.3
SW	4.3	1.7	.4									6.4	3.4
WSW	.7	.3		.1								1.1	3.7
W	.9	.3	.3	.1								1.7	4.7
WNW	.4	.7	.7	.2								2.0	6.5
NW	2.0	1.4	2.3	.2	.2	.1						6.3	6.5
NNW	1.4	3.8	3.7	.9	.2							10.4	7.0
VARBL													
CALM												30.8	
	33.0	22.0	12.0	1.7	.4	.1						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210
STATIONFORT NELSON BC/MUSKWA DUT APT
STATION NAME57-66
YEARSNOV
MONTHALL WEATHER
CLASS0600-0800
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	2.9	.9									7.8	4.1
NNE	2.2	.8	.3	.2								3.6	4.3
NE	1.1	.9										2.0	3.5
ENE	.6											.6	2.2
E	.6	.1										.7	2.8
ESE	.6	.1	.1									.3	4.1
SE	1.3	.7										2.0	3.3
SSE	1.2	.7	.2									2.1	3.7
S	8.6	5.2	1.4									15.2	3.9
SSW	4.8	2.8	1.4									9.0	4.2
SW	3.0	1.3	.1									5.3	3.2
WSW	1.3	.4		.3								2.1	4.4
W	1.4	.9	.2									2.6	3.9
WNW	.6	.1										.7	2.7
NW	2.7	2.0	1.4	.3								6.4	5.1
NNW	2.0	3.1	3.9	1.2								10.2	6.8
VARBL													
CALM												29.0	
	36.8	22.0	10.1	2.1								100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
STAC/USAF
AIR WEATHER SERVICE/TAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210
STATION

FORT NELSON BC/MUSKWA DIT APT
STATION NAME

57-66
YEARS

NDV
MONTH

ALL WEATHER
CLASS

0900-1100
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.7	3.7	1.3	.1								7.8	4.8
NNE	1.6	.8	.3									2.7	4.0
NE	1.9	.6	.1									2.6	3.3
ENE	.1	.1										.2	3.5
E	.8	.1										.9	3.3
ESE	.4	.2										.7	3.5
SE	1.6	.4										2.0	3.1
SSE	.9	.6	.2									1.7	3.8
S	10.3	4.8	1.4									16.6	3.7
SSW	4.4	2.7	.7									7.8	3.9
SW	3.9	1.3	.3	.1								5.7	3.5
WSW	.9	.2	.7									1.8	5.4
W	1.1		.1		.1							1.3	4.1
WNW	.3	.1	.3									.8	5.6
NW	2.0	1.3	1.3	.3								5.0	5.8
NNW	1.6	2.3	3.3	1.6								8.8	7.4
VARBL													
CALM												33.9	
	34.4	19.2	10.2	2.1	.1							100.0	3.0

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218
STATIONFORT NELSON BC/MUSKWA DUT APT
STATION NAME57-66
YEARSNOV
MONTHALL WEATHER
CLASS1200-1400
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.3	3.4	3.2	.8		.1						9.9	6.2
NNE	1.2	.9	1.1									3.2	4.9
NE	2.3	.8	.1									3.2	3.2
ENE	1.2											1.2	2.4
E	1.7	.6										1.6	3.3
ESE	1.3	.3										1.7	2.8
SE	2.6	.6	.1									3.2	3.1
SSE	2.1	.8	.1									4.0	3.0
S	3.4	4.4	1.1									14.0	3.7
SSW	2.3	1.9	.6									4.8	4.1
SW	1.6	.6	.1									2.2	3.4
WSW	.6		.1									.9	3.1
W	.2		.1	.6	.1							1.0	11.4
WNW	.4	.3	.3	.2								1.3	6.4
NW	.4	1.8	1.3	.6	.1	.1						4.8	7.1
NNW	1.1	2.2	2.9	1.6								7.8	7.5
VARBL													
CALM												35.2	
	30.9	18.6	11.2	3.7	.2	.2						100.0	3.2

TOTAL NUMBER OF OBSERVATIONS

900

DATA PROCESSING DIVISION
ETAL/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25220 FRONT WELSON AC/MUSKWA BDT APT 57-66 1 IV
STATION STATION NAME YEARS MONTH
ALL WEATHER CLASS 1500-1700
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	2.4	2.4	.2								10.6	5.0
NNE	2.1	1.7	.3	.1								4.2	4.2
NE	1.2	.5	.1									2.1	3.4
ENE	.5	.1										.7	2.9
E	1.5		.1									1.9	2.5
ESE	.4	.3	.1									.9	3.8
SE	1.5	.6										1.9	3.2
SSE	1.5	.6	.3									2.7	3.5
S	6.7	2.5	.4									9.7	3.3
SSW	5.4	1.3	.3									5.1	3.6
SW	3.4	1.2	.2									4.8	3.3
WSW	2.1	.1		.2								2.3	3.7
W	1.4	.2	.2	.3	.1							2.3	3.6
WNW	.5	.3	.3	.1								1.6	6.6
NW	2.9	2.0	1.6	.2	.1	.1						6.9	5.4
NNW	2.6	3.7	3.6	.4								10.2	5.9
VARBL													
CALM												32.3	
	37.2	17.9	10.6	1.7	.2	.1						100.0	3.0

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521 STATION FORT WELSH BC/MUSKOGEE BOUT APT 57-66 YEARS NOV MONTH
 ALL WEATHER CLASS 1000-2000 HOURS (LST)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	5.4	2.9	1.9	.4								11.0	4.5
NNE	1.9	.9		.2								3.0	4.0
NE	1.0	.4										1.4	3.6
ENE	.1	.2										.3	3.7
E	.5	.1										.7	2.8
ESE	1.4	.1										1.5	2.7
SE	1.1	.4	.2									1.8	3.7
SSE	1.7	.7										2.3	3.2
S	6.2	2.8	.7	.1								9.8	3.7
SSW	3.1	1.7	.8									5.6	4.2
SW	4.3	1.1	.2									5.7	3.2
WSW	1.0	.3	.4									1.8	3.9
W	1.7	.2										1.9	2.8
WNW	1.1	.9	.4	.2								2.7	3.2
NW	3.4	2.7	1.1	.2								7.4	4.6
NNW	2.4	3.6	2.6	1.0								10.3	6.6
VARBL													
CALM												37.3	
	36.4	19.2	8.3	2.8								100.0	2.9

TOTAL NUMBER OF OBSERVATIONS 900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAI

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521
STATION

PORT NELSON BC/HUSKWA D.T. APT
STATION NAME

57-66
YEARS

NOV
MONTH

ALL WEATHER
CLASS

2100-2300
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	3.0	1.7	.7	.1							2.2	4.8
NNE	.4	1.3	.4	.1								2.2	5.0
NE	1.4											1.9	2.6
ENE	.0	.3										.9	3.4
E	1.2		.1									1.3	2.8
ESE	.3	.2										.6	2.8
SE	1.7	.6	.2									2.4	3.3
SSE	1.7	.2										1.9	2.6
S	6.3	3.2	.8									10.3	3.7
SSW	4.3	2.4	1.9									8.7	4.4
SW	5.4	1.3	.3									7.3	3.3
WSW	1.4	.1	.6	.2								2.3	5.0
W	1.7	.7		.1								2.4	3.7
WNW	.3	.4	.1	.1								1.0	3.2
NW	3.0	1.6	1.7	.1								6.3	4.8
NNW	3.1	4.0	3.0	.9								10.9	5.9
VARBL													
CALM												29.0	
	38.1	19.9	10.8	2.2	.1							100.0	3.1

TOTAL NUMBER OF OBSERVATIONS

900

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR CRAFT EN SERVICE/AC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2521 STATION FORT WELSON EC/MUSKWA DUT APT 37-66 SEC
STATION NAME YEARS MONTH
ALL WEATHER CLASS 0000-0700
CONDITION HOURS (L.S.T.)

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.9	1.0	.5								6.5	5.0
NNE	1.6	.6	.1	.1								2.5	3.7
NE	2.7	.5										3.2	3.2
ENE	.1	.1										.2	3.5
E	1.0	.1										1.1	2.8
ESE	.3	.1										.4	3.0
SE	2.4	.4	.1									2.9	3.0
SSE	1.1	.1	.2									1.4	3.2
S	5.9	3.1	1.0									10.0	3.7
SSW	4.1	1.6	.4									6.1	3.7
SW	4.6	1.7	.9									7.2	3.8
WSW	1.0	.3										1.3	3.1
W	1.3	.1										1.4	2.7
WNW	.8	.3	.1									1.2	3.5
NW	1.6	1.8	1.9			.1						5.5	5.9
NNW	2.4	1.5	3.5	1.4	.1							9.2	7.1
VARBL													
CALM												39.9	
	33.8	14.8	9.2	2.0	.1	.1						100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAG/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25210
STATIONFOOT NELSON BC/MUSKWA DJT APT
STATION NAME57-00
YEARSDEC
MONTHALL WEATHER
CLASS0300-0500
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.0	.6	1.6	.9								7.1	5.4
NNE	1.6	.3		.2								2.2	4.2
NE	2.2	.6	.1									2.9	3.3
ENE	1.0	.1										1.1	3.0
E	.5						.1					.6	7.2
ESE	.9			.1								1.0	3.9
SE	1.7	.5	.2									2.5	3.6
SSE	1.4	.3										1.7	2.9
S	7.1	2.8	.6	.2								10.8	3.6
SSW	4.1	3.0	.8	.1								8.0	4.0
SW	4.7	2.6	.5	.1								8.0	3.8
WSW	1.3	.2	.1	.1								1.7	3.6
W	1.4	.3										1.7	2.8
WNW	.9	.9	.4									1.9	4.6
NW	1.8	1.4	1.2									4.4	5.0
NNW	.5	1.1	2.7	1.6		.1						6.0	8.8
VARBL													
CALM												38.5	
	35.1	14.6	8.3	3.3		.1	.1					100.0	2.8

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
 AFAC/USAF
 AIR WEATHER SERVICE/NAO

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

STATION 25217 STATION NAME FORT INSLIDE BC/MUSKWA DDT APT YEARS 57-66 DEC 0600-0800
 CLASS ALL WEATHER
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.4	1.3	.6	.4								6.5	4.3
NNE	1.7	.6	.5									2.9	3.9
NE	2.9	.9	.2									4.0	3.4
ENE	.4	.1										.5	3.0
E	.8											.8	2.3
ESE	.3	.1	.3									.8	5.3
SE	1.5	.4	.1									2.0	3.3
SSE	1.2	.5	.1									1.2	3.2
S	5.5	3.0	1.1									9.6	3.8
SSW	5.2	3.2	1.1	.1								9.6	4.1
SW	5.0	1.3	1.0									7.8	3.7
WSW	1.6	.3										1.9	2.8
W	1.1											1.1	2.3
WNW	1.1	.4	.2	.1								1.8	4.4
NW	1.6	1.3	1.2	.4								4.5	5.7
NNW	1.4	1.3	2.7	1.8								7.2	7.9
VARBL													
CALM												37.1	
	36.0	14.8	9.1	2.9								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
 FTAC/USAF
 AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
 DIRECTION AND SPEED
 (FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/HUSK A OUT APT 57-66 YEARS DEC
 NORTH
 ALL WEATHER CLASS 0900-1100
 HOURS (L.S.T.)
 CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	2.9	2.5	1.2	.3								6.9	4.9
NNE	2.2	1.3	.2	.2								3.9	4.2
NE	2.9	.3										3.2	2.6
ENE	.2	.1										.3	3.0
E	.0		.2									.6	3.8
ESE	.3	.1	.1									.5	4.0
SE	1.9	.5	.2									2.7	3.5
SSE	1.9	.4										1.7	3.1
S	9.1	2.9	.6									12.7	3.2
SSW	4.5	2.3	1.5	.2								8.5	4.4
SW	5.1	2.2	.3									7.5	3.5
WSW	.0	.5										1.2	3.7
W	2.2	.3	.2									2.7	3.1
WNW	.4	.3										.8	3.1
NW	1.7	1.0	1.8	.2								4.7	5.8
NNW	1.6	1.2	3.8	1.2								7.9	7.5
VARBL													
CALM												34.1	
	37.6	15.9	10.2	2.2								100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR EATER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

252 R STATION PORT NELSON BC/MUSKWA DUT APT 57-66 YEARS DEC MONTH
ALL WEATHER CLASS 1200-1400 HOURS (L.S.T.)
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.4	1.6	2.3	.3								7.6	5.1
NNE	2.2	1.4	.3	.1								4.0	4.0
NE	2.4	1.3	.2									3.9	3.4
ENE	.6	.3										1.1	3.1
E	1.4	.1										1.5	2.4
ESE	1.2	.1	.2									1.5	3.3
SE	3.2	.2										3.4	2.5
SSE	1.7	.4										2.2	2.9
S	9.2	2.8	.3									12.4	3.2
SSW	3.9	2.3	1.3									7.4	4.4
SW	2.5	1.2	.2									3.9	3.6
WSW	.8	.1										.9	3.1
W	1.7	.1										1.1	2.8
WNW	.1	.2	.3	.2								.9	8.0
NW	.5	.4	1.8	.3								3.1	7.2
NNW	.4	1.6	3.9	1.4	.1							7.4	8.2
VARBL													
CALM												37.8	
	34.6	14.2	10.9	2.4	.1							100.0	2.8

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25218 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS CFC
1906-1900
ALL WEATHER
CLASS
CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.3	2.5	1.4	.1								7.3	4.5
NNE	2.3	1.8	.1									4.2	3.5
NE	2.0	.3										2.4	2.8
ENE	.8	.1										.9	2.9
E	1.7	.1										1.8	2.5
ESE	.8		.1									.9	3.1
SE	1.4	.3	.1									1.8	3.3
SSE	.4	.3										1.2	3.3
S	6.5	2.0	.5									9.0	3.3
SSW	4.8	2.4	1.4									9.1	4.1
SW	3.7	1.1	.4									5.2	3.5
WSW	.8	.3										1.1	3.5
W	1.3	.4	.2									1.9	3.6
WNW	.6	.1	.2	.1								1.1	5.2
NW	1.0	1.3	1.9	.1								4.9	5.7
NNW	2.2	2.7	2.3	2.2								9.2	7.0
VARBL													
CALM												38.0	
	34.5	16.3	8.7	2.5								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 330

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25215
STATIONFORT NELSON 66/MUSKWA DUT APT
STATION NAME57-66
YEARSDEC
MONTHALL WEATHER
CLASS1800-2000
HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.7	1.7	1.2	.4								7.0	4.7
NNE	2.2	1.5	.1									3.8	3.6
NE	1.8	.2										2.0	2.8
ENE	.5	.1										.6	2.3
E	.8											.8	2.4
ESE	.8	.3		.1								1.2	3.7
SE	1.1	1.1	.1									2.3	3.7
SSE	1.5	.1										1.6	2.6
S	5.5	2.5	.8									8.7	3.7
SSW	3.2	2.0	1.4	.2								6.9	4.6
SW	4.1	1.1	.4									5.6	3.5
WSW	.9	.2		.1								1.2	4.0
W	1.6	.4	.2	.2								2.5	4.3
WNW	.4	.8	.2									1.4	5.7
NW	2.7	1.5	2.0	.2								6.5	5.2
NNW	2.6	2.2	2.4	1.3								8.4	6.5
VARBL													
CALM												39.7	
	33.2	15.7	8.8	2.9								100.0	2.7

TOTAL NUMBER OF OBSERVATIONS

930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

2321 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS DEC MONTH
ALL WEATHER CLASS 2100-2300 HOURS (L.S.T.)

CONDITION

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	3.0	1.8	.9	.5								6.2	4.9
NNE	2.0	.9	.4									3.3	4.0
NE	1.8	.4										2.3	2.8
ENE	.2											.2	2.5
E	.8	.2										1.0	3.1
ESE	.4	.2										.6	3.2
SE	1.0	.3	.1	.2								2.3	4.0
SSE	1.0	.1										1.1	2.3
S	6.6	2.2	.9									9.6	3.6
SSW	3.8	2.9	.8									7.4	4.1
SW	3.1	1.6	1.1									5.7	4.2
WSW	.4	.3										.8	3.7
W	2.2	.1	.2									2.5	3.1
WNW	.4	.0	.3	.2								1.6	5.7
NW	3.7	1.0	2.6	.2	.1							7.5	5.3
NNW	1.0	1.3	2.5	1.4	.1							6.9	7.6
VARBL													
CALM												41.1	
	32.5	14.0	9.7	2.6	.2							100.0	2.7

TOTAL NUMBER OF OBSERVATIONS 930

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/ETAC

PERCENTAGE FREQUENCY OF WIND
DIRECTION AND SPEED
(FROM HOURLY OBSERVATIONS)

SURFACE WINDS

25216 STATION FORT NELSON BC/MUSKWA DUT APT 57-66 YEARS ALL MONTH
INSTRUMENT CLASS ALL HOURS (L.S.T.)
CIG 200 TO 1400 FT w/ VSBY 1/2 MI OR MORE,
CONDITION
AND/OR VSBY 1/2 TO 2-1/2 MI W/CIG 200 FT OR MORE

SPEED (KNTS) DIR.	1 - 3	4 - 6	7 - 10	11 - 16	17 - 21	22 - 27	28 - 33	34 - 40	41 - 47	48 - 55	≥ 56	%	MEAN WIND SPEED
N	4.7	5.6	5.0	1.6	.1	.0						17.1	6.2
NNE	2.3	2.3	1.8	.6	.0							7.0	5.8
NE	2.5	1.3	.5	.1								4.4	4.2
ENE	.8	.5	.2	.0								1.6	4.1
E	1.6	.7	.3	.0	.0							2.6	3.8
ESE	.9	.7	.4									2.0	4.4
SE	1.6	.8	.5	.0								2.9	4.2
SSE	1.0	.4	.2									1.6	3.7
S	2.9	.9	.1	.0								3.9	3.2
SSW	1.0	.5	.0									1.5	3.4
SW	1.4	.5	.0									2.0	3.1
WSW	.4	.2	.1									.7	4.1
W	1.0	.4	.1	.1								1.7	4.1
WNW	.7	.6	.7	.3	.0							2.2	6.5
NW	2.2	2.6	3.3	1.0	.0	.0						9.7	6.6
NNW	2.3	4.7	8.0	4.2	.3	.1						19.6	8.2
VARBL													
CALM												20.0	
	27.4	22.8	21.3	8.0	.4	.1						100.0	4.8

TOTAL NUMBER OF OBSERVATIONS 7792

1. The ceiling is the height of the lowest layer of clouds or obscuring phenomena that is reported as "broken" or "overcast" and which is visible to the observer. The ceiling is reported in feet or meters, as appropriate, and is rounded up to the nearest 100 feet or 30 meters. The ceiling is reported as "broken" or "overcast" when the total cloud cover is 3/8 or more of the sky.

PART D CEILING VERSUS VISIBILITY

1. The relationship between ceiling and visibility is a complex one, and it is not possible to determine the precise relationship between the two. However, it is possible to determine the general relationship between the two, and this is done in the following paragraphs.

- a. The ceiling is the height of the lowest layer of clouds or obscuring phenomena that is reported as "broken" or "overcast" and which is visible to the observer.
- b. The visibility is the distance in feet or meters at which an object can be seen and identified under prevailing light conditions.

2. The relationship between ceiling and visibility is a complex one, and it is not possible to determine the precise relationship between the two. However, it is possible to determine the general relationship between the two, and this is done in the following paragraphs.

3. The relationship between ceiling and visibility is a complex one, and it is not possible to determine the precise relationship between the two. However, it is possible to determine the general relationship between the two, and this is done in the following paragraphs.

EXAMINE #2 Read visibilities independently of readings on bottom line opposite V O. From the table:

Visibility 3 Miles = 33.6.

Visibility 2 Miles = 22.9.

Visibility 1 Mile = 11.3.

D - 2

ADDITIONAL EXAMPLES

EXAMPLE # 4 Values below minimums stated in the table may be obtained by subtracting the value given in the table from 100%. Thus, to obtain the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles, subtract the value read from the table at the intersection, which is 91.0, from 100.0. The answer 9.0 is the percentage of observations with ceiling < 1500 feet and/or visibility < 3 miles.

Likewise, the percentage of observations with ceiling < 500 feet and/or visibility < 1 mile is 2.6, obtained by subtracting 97.4 from 100.0.

EXAMPLE # 5 To find the percentage of observations falling within the two categories given in example above, subtract the value read from the table for the first set of limits from the value in the table for the second set of limits. The difference will be the percentage of observations meeting the lower set of limits, but not meeting the higher set of limits.

The value 91.0 read from the table at the intersection of ≥ 1500 feet with ≥ 3 miles, subtracted from 97.4 read from the table at the intersection of ≥ 500 feet with ≥ 1 mile is equal to 6.4%. Thus; 6.4 percent of the observations meet the criteria: "ceiling ≥ 500 feet with visibility > 1 mile, but < 3 miles; or ceiling ≥ 500 feet, but < 1500 feet with visibility ≥ 1 mile."

Since these tabulations are prepared in several ways including by month, by 3-hour groups it is possible to determine diurnal variations of ceiling and visibility limits as well as probabilities of various ceiling-visibility combinations.

AFI PROVISIONS, PART 10
SAC ETAC
IN LAF 1-100/100

CEILING VERSUS VISIBILITY

STATION NAME: 17-60 YEARS: 11
MONTH: 11
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ 1/2	≥ 5/8	≥ 3/4	≥ 1/2	≥ 1/4	≥ 1/8	≥ 0
NO CEILING	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
≥ 2000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
18000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
16000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
14000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
12000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
10000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
9000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
8000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
7000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
6000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
5000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
4500	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
4000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
3500	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
3000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
2500	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
2000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
1800	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
1500	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
1200	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
1000	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
900	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
800	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
700	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
600	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
500	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
400	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
300	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
200	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
100	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
0	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4

TOTAL NUMBER OF OBSERVATIONS 7642

ATB DECESSION 010151
 100 100
 100 100 100 100 100 100

CEILING VERSUS VISIBILITY

STATION 1221 STATION NAME Point I - 3100' 16" N. 104° 11' E 37-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NW	20000	44.1	44.6	49.4	47.7	50.0	51.1	50.2	50.7	50.5	50.4	50.5	50.5	50.5	50.5	51.0	50.4
NW	18000	41.4	42.3	52.7	53.3	53.0	53.5	53.7	53.8	53.6	54.0	54.1	54.1	54.1	54.1	54.1	54.1
NW	16000	41.5	42.4	53.0	53.4	53.7	53.8	53.9	54.0	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
NW	14000	41.6	42.7	53.3	53.6	53.8	54.0	54.1	54.2	54.2	54.4	54.4	54.4	54.4	54.5	54.5	54.5
NW	12000	42.0	43.5	54.1	54.4	54.7	54.8	54.9	55.0	55.0	55.2	55.2	55.2	55.3	55.3	55.3	55.3
NW	10000	45.0	46.6	57.2	57.6	57.9	58.2	58.3	58.2	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5
NW	9000	49.3	61.4	62.2	62.6	63.3	63.1	63.2	63.3	63.3	63.5	63.6	63.6	63.6	63.6	63.6	63.6
NW	8000	49.8	64.7	65.5	66.2	66.6	66.5	66.7	66.7	66.8	66.9	67.0	67.0	67.1	67.1	67.1	67.1
NW	7000	46.8	63.3	64.3	64.9	70.2	70.6	70.6	70.9	70.9	71.1	71.2	71.2	71.2	71.2	71.2	71.3
NW	6000	46.1	71.7	72.9	73.7	74.4	74.5	74.8	74.9	74.9	75.1	75.2	75.2	75.3	75.3	75.3	75.3
NW	5000	71.0	72.7	73.9	74.7	75.4	75.6	75.6	76.3	76.3	76.2	76.3	76.3	76.3	76.3	76.3	76.4
NW	4500	72.7	74.7	76.1	77.0	78.0	78.1	78.5	78.7	78.7	78.9	79.0	79.1	79.1	79.1	79.1	79.1
NW	4000	73.6	75.9	77.3	78.3	79.2	79.4	79.8	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4
NW	3500	73.2	77.7	79.4	80.4	81.5	81.7	82.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
NW	3000	70.4	79.1	81.0	82.7	83.3	83.5	84.0	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
NW	2500	77.3	80.2	82.2	83.0	83.0	83.3	83.9	86.3	86.3	86.6	86.7	86.7	86.8	86.8	86.8	86.8
NW	2000	70.2	81.3	83.4	84.9	86.0	86.7	87.0	88.2	88.2	88.6	88.8	88.8	88.8	88.8	88.8	88.8
NW	1800	79.4	82.6	84.0	86.5	88.1	88.5	89.5	90.4	90.6	91.3	91.5	91.5	91.6	91.6	91.6	91.6
NW	1600	79.0	82.0	85.3	86.9	88.0	89.0	90.0	91.0	91.1	92.0	92.4	92.4	92.4	92.4	92.4	92.4
NW	1500	80.4	83.9	86.5	88.1	90.0	91.0	92.7	92.8	94.1	94.1	94.0	94.0	94.0	94.0	94.0	94.0
NW	1200	81.3	84.9	87.5	89.2	91.2	91.6	92.6	94.0	94.1	95.3	96.2	96.3	96.4	96.4	96.4	96.4
NW	1000	81.7	85.4	88.0	89.7	91.7	92.1	93.3	94.6	94.7	96.3	97.3	97.3	97.5	97.5	97.5	97.5
NW	900	82.0	85.7	88.3	90.0	92.0	92.4	93.5	94.7	94.8	96.5	97.5	97.5	97.9	97.9	97.9	97.9
NW	800	82.3	86.0	88.6	90.3	92.3	92.7	93.8	95.1	95.1	96.8	98.1	98.1	98.5	98.5	98.5	98.5
NW	700	82.6	86.3	88.9	90.6	92.6	93.0	94.1	95.3	95.4	97.1	98.5	98.5	99.0	99.0	99.0	99.0
NW	600	82.9	86.6	89.2	90.9	92.9	93.3	94.2	95.5	95.6	97.3	98.6	98.6	99.2	99.2	99.2	99.2
NW	500	83.2	86.9	89.5	91.2	93.2	93.6	94.5	95.8	95.8	97.4	98.8	98.8	99.5	99.5	99.5	99.5
NW	400	83.5	87.2	89.8	91.5	93.5	93.9	94.8	96.1	96.1	97.5	98.9	98.9	99.6	99.6	99.6	99.6
NW	300	83.8	87.5	90.1	91.8	93.8	94.2	95.1	96.4	96.4	97.6	99.0	99.0	99.7	99.7	99.7	99.7
NW	200	84.1	87.8	90.4	92.1	94.1	94.5	95.4	96.7	96.7	97.6	99.0	99.0	99.7	99.7	99.7	99.7
NW	100	84.4	88.1	90.7	92.4	94.4	94.8	95.7	97.0	97.0	97.6	99.0	99.0	99.7	99.7	99.7	99.7
NW	0	84.7	88.4	91.0	92.7	94.7	95.1	96.0	97.3	97.3	97.6	99.0	99.0	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 144

DATA PROCESSING DIVISION
SAB ETAC
AIR EATER DEPARTMENT

CEILING VERSUS VISIBILITY

STATION 0710 DATE 01-01-60 OF 01 YEAR 57-60 MONTH 01

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .46	≥ .4	≥ 0
UNLIMITED	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 2000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1800	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1600	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1400	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1200	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 1000	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 800	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 700	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 600	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 500	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 450	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 400	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 350	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 300	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 250	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 200	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 180	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 160	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 140	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 120	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 100	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 80	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 60	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 40	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 0	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4

TOTAL NUMBER OF OBSERVATIONS 070

ATA PRODUCTION DIVISION
 547-174
 100 EAST EX - 1001740

CEILING VERSUS VISIBILITY

STATION NAME 547-174 STATION NUMBER 1001740 DATE 27-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ 0
NO CEILING	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 25000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 16000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 14000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 12000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 10000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 9000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 8000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 7000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 6000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 5000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4500	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 4000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 3500	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 3000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 2500	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 2000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 1800	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 1500	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 1200	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 1000	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 900	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 800	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 700	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 600	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 500	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 400	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 300	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 200	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 100	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 0	53.7	53.6	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION PORT WILSON DC/ANNA DOT ART 57-66 YEARS APR
MONTH 11
HOURS 11

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9
IV 20000	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7
IV 18000	55.5	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 16000	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0
IV 14000	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.3
IV 12000	59.0	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IV 10000	63.8	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.3
IV 9000	67.6	67.7	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1
IV 8000	71.2	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.8
IV 7000	74.3	74.4	74.6	74.7	74.8	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1
IV 6000	75.5	75.7	75.8	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3
IV 5000	79.0	79.2	79.4	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0
IV 4500	80.8	81.0	81.3	81.4	81.5	81.6	81.7	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.0	82.0
IV 4000	83.2	83.5	84.0	84.2	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
IV 3300	84.7	85.1	85.5	85.6	85.9	86.1	86.2	86.3	86.3	86.4	86.5	86.5	86.6	86.6	86.6	86.6
IV 3000	86.6	86.9	87.3	87.5	87.8	88.0	88.4	88.5	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.9
IV 2500	87.9	88.4	89.0	89.2	89.6	89.8	90.3	90.4	90.4	90.6	90.8	90.9	90.9	90.9	90.9	91.0
IV 2000	90.4	90.6	90.6	91.0	91.6	91.8	92.2	92.3	92.3	92.8	93.1	93.3	93.3	93.4	93.4	93.5
IV 1800	90.8	90.9	91.0	91.4	92.0	92.3	93.0	93.3	93.4	93.7	94.0	94.0	94.0	94.0	94.1	94.1
IV 1500	90.7	91.3	92.1	92.4	93.2	93.5	94.2	94.6	94.6	95.1	95.6	95.7	95.8	95.8	95.8	95.8
IV 1200	91.5	92.3	93.1	93.5	94.2	94.6	95.3	95.7	95.8	96.4	97.1	97.2	97.3	97.3	97.3	97.3
IV 1000	91.9	92.7	93.5	94.0	94.8	95.1	95.8	96.3	96.4	97.1	97.9	98.0	98.2	98.2	98.2	98.3
IV 900	92.1	93.0	93.8	94.3	95.1	95.4	96.2	96.6	96.7	97.4	98.2	98.3	98.5	98.6	98.6	98.7
IV 800	92.2	93.1	94.0	94.4	95.2	95.5	96.3	96.8	96.9	97.6	98.5	98.6	98.8	98.9	98.9	99.0
IV 700	92.3	93.3	94.1	94.6	95.4	95.7	96.5	97.0	97.1	97.8	98.3	98.9	99.1	99.2	99.2	99.3
IV 600	92.4	93.4	94.2	94.7	95.5	95.8	96.6	97.1	97.2	98.0	98.9	99.1	99.3	99.4	99.4	99.5
IV 500	92.6	93.6	94.4	94.9	95.7	96.1	96.8	97.4	97.4	98.2	99.2	99.3	99.5	99.6	99.6	99.8
IV 400	92.0	93.6	94.5	95.0	95.9	96.1	96.9	97.4	97.5	98.3	99.2	99.4	99.6	99.7	99.8	99.9
IV 300	92.7	93.7	94.5	95.0	95.8	96.2	96.9	97.5	97.5	98.3	99.3	99.4	99.7	99.8	99.9	100.0
IV 200	92.7	93.7	94.5	95.1	95.8	96.2	97.0	97.5	97.5	98.3	99.3	99.5	99.7	99.8	99.9	100.0
IV 100	92.7	93.7	94.5	95.1	95.8	96.2	97.0	97.5	97.5	98.3	99.3	99.5	99.7	99.8	99.9	100.0
IV 50	92.7	93.7	94.5	95.1	95.8	96.2	97.0	97.5	97.5	98.3	99.3	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

DATA PROCESSING DIVISION
USAF ETAC
100 EAST 100 STREET

CEILING VERSUS VISIBILITY

STATION NAME: STATION NAME DATE: 7-66 MONTH: 7
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 1	≥ .5	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING ≥ 20000	44.1	44.1	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
18000	44.7	44.7	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
16000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
14000	49.6	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
12000	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
10000	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
9000	61.2	61.2	61.3	61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
8000	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
7000	69.2	69.2	69.3	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
6000	72.0	72.0	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
5000	76.2	76.2	76.2	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
4500	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
4000	80.8	80.8	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
3500	82.0	82.0	82.8	82.8	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
3000	85.4	85.4	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2500	87.4	87.4	87.7	87.7	87.9	87.9	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2
2000	89.4	89.4	89.6	89.7	89.9	89.9	90.0	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3
1800	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3
1500	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
1200	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
1000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
900	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
800	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
700	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
600	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
500	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
400	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
300	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
200	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
100	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9

TOTAL NUMBER OF OBSERVATIONS: 7440

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

STATION NAME ELLSWORTH AFB, MISSISSIPPI STATION NUMBER 57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

HOURS IN YEAR

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO. CEILING N 20000	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.4	41.4	41.4	41.5	41.5	41.6	41.7
IV 18000	40.8	40.9	41.0	41.0	41.0	41.0	41.1	41.1	41.1	41.2	41.2	41.2	41.3	41.3	41.4	41.5
IV 16000	40.8	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 14000	41.1	41.2	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.6	41.6	41.7	41.8
IV 12000	41.1	41.2	41.3	41.3	41.3	41.3	41.4	41.4	41.4	41.5	41.5	41.5	41.6	41.6	41.7	41.8
IV 10000	40.4	40.5	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.8	40.9	40.9	41.0	41.0	41.1	41.2
IV 8000	40.4	40.7	40.8	40.8	40.9	40.9	40.9	40.9	40.9	41.0	41.1	41.1	41.2	41.2	41.3	41.4
IV 7000	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 6000	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 5000	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 4500	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 4000	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 3500	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 3000	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 2500	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 2000	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 1800	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 1500	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 1200	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 1000	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 900	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 800	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 700	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 600	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 500	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 400	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 300	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 200	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 100	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6
IV 0	40.4	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.2	41.3	41.3	41.4	41.4	41.5	41.6

TOTAL NUMBER OF OBSERVATIONS 7134

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING CENTER

CEILING VERSUS VISIBILITY

STATION NAME: LAKE MEAD STATION NUMBER: 57-66 YEARS: 1964 MONTH: 1
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 20000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 18000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 16000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 14000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 12000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 10000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 9000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 8000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 7000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 6000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 5000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 4500	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 4000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 3500	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 3000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 2500	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 2000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 1800	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 1500	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 1200	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 1000	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 900	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 800	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 700	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 600	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 500	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 400	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 300	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 200	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 100	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5
IV 0	47.0	47.5	47.9	48.0	48.0	48.7	48.9	48.9	48.9	49.0	49.1	49.1	49.2	49.3	49.5

TOTAL NUMBER OF OBSERVATIONS: 7440

DATA PROCESSING DIVISION
USAF ETAC
AIR-WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 45212 FORT BELSUN BC/ALASKA DOT APT STATION NAME

57-66 YEARS

MONTH

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY OBSERVATIONS

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
NO CEILING	47.0	47.5	48.5	47.0	49.5	49.1	49.4	49.5	49.5	49.7	49.8	49.8	50.0	50.0	50.0	50.7
IV 20000	51.9	52.7	53.4	54.0	54.4	54.4	54.5	54.6	54.6	54.8	54.9	54.9	55.1	55.1	55.3	55.8
IV 18000	51.9	52.8	53.5	54.1	54.4	54.4	54.5	54.6	54.6	54.9	54.9	54.9	55.1	55.1	55.3	55.9
IV 16000	52.2	53.1	53.8	54.4	54.8	54.8	54.9	55.0	55.0	55.2	55.3	55.3	55.5	55.5	55.7	56.3
IV 14000	53.1	54.0	54.7	55.3	55.7	55.7	55.9	55.9	55.9	56.2	56.2	56.3	56.5	56.5	56.7	57.2
IV 12000	55.3	56.3	57.1	57.9	58.4	58.4	58.5	58.7	58.7	59.0	59.1	59.1	59.3	59.3	59.5	60.1
IV 10000	60.6	61.7	62.5	63.5	63.8	63.9	64.1	64.3	64.3	64.6	64.6	64.8	65.0	65.0	65.3	65.9
IV 9000	64.0	65.1	66.0	67.0	67.4	67.4	67.6	67.8	67.8	68.2	68.3	68.3	68.5	68.5	68.8	69.5
IV 8000	63.4	69.6	70.5	71.5	71.9	71.9	72.2	72.4	72.4	72.7	72.9	72.9	73.1	73.1	73.4	74.2
IV 7000	71.6	72.9	73.8	74.8	75.2	75.3	75.6	75.7	75.7	76.1	76.3	76.3	76.5	76.5	76.8	77.6
IV 6000	73.0	74.3	75.3	76.3	76.8	76.8	77.1	77.3	77.3	77.7	77.8	77.9	78.1	78.1	78.5	79.2
IV 5000	76.4	77.7	78.8	79.8	80.3	80.3	80.6	80.8	80.8	81.2	81.3	81.4	81.6	81.6	81.9	82.7
IV 4500	77.9	79.2	80.3	81.3	81.8	81.8	82.2	82.3	82.3	82.7	82.9	82.9	83.2	83.2	83.5	84.2
IV 4000	79.8	81.2	82.3	83.3	83.8	83.8	84.2	84.3	84.3	84.8	84.9	84.9	85.2	85.2	85.5	86.3
IV 3500	81.1	82.5	83.6	84.6	85.1	85.2	85.5	85.7	85.7	86.1	86.3	86.3	86.6	86.6	86.9	87.6
IV 3000	82.5	84.0	85.1	86.1	86.7	86.7	87.0	87.2	87.2	87.6	87.8	87.8	88.1	88.1	88.4	89.2
IV 2500	83.8	84.4	86.6	87.6	88.2	88.2	88.5	88.7	88.7	89.1	89.3	89.3	89.6	89.6	89.9	90.7
IV 2000	84.4	86.5	87.8	88.8	89.4	89.5	89.8	90.0	90.0	90.4	90.6	90.6	90.9	90.9	91.2	92.0
IV 1800	85.5	87.1	88.4	89.4	90.0	90.1	90.4	90.6	90.6	91.0	91.2	91.2	91.5	91.5	91.8	92.6
IV 1500	86.3	88.2	89.5	90.6	91.2	91.2	91.6	91.7	91.7	92.2	92.4	92.4	92.7	92.7	93.0	93.8
IV 1200	87.6	89.5	90.9	92.0	92.6	92.7	93.0	93.2	93.2	93.7	93.8	93.9	94.2	94.2	94.5	95.2
IV 1000	88.3	90.4	91.9	93.0	93.7	93.7	94.1	94.3	94.3	94.7	94.9	94.9	95.2	95.2	95.5	96.3
IV 900	88.8	91.0	92.5	93.7	94.4	94.4	94.9	95.0	95.0	95.5	95.7	95.7	96.0	96.0	96.3	97.1
IV 800	89.1	91.5	93.1	94.3	95.1	95.1	95.6	95.7	95.8	96.3	96.4	96.4	96.7	96.7	97.1	97.8
IV 700	89.3	91.7	93.4	94.7	95.4	95.5	95.9	96.1	96.2	96.7	96.8	96.9	97.2	97.2	97.5	98.3
IV 600	89.7	92.1	93.8	95.1	95.8	95.9	96.4	96.6	96.6	97.1	97.3	97.3	97.6	97.6	97.9	98.7
IV 500	89.8	92.3	94.0	95.4	96.3	96.3	96.8	97.0	97.0	97.6	97.7	97.8	98.1	98.1	98.4	99.2
IV 400	89.9	92.4	94.2	95.6	96.5	96.5	97.0	97.2	97.2	97.8	98.0	98.0	98.3	98.3	98.7	99.4
IV 300	90.0	92.5	94.3	95.6	96.6	96.6	97.1	97.3	97.3	97.9	98.1	98.1	98.4	98.4	98.8	99.6
IV 200	90.0	92.5	94.3	95.7	96.6	96.6	97.1	97.3	97.3	97.9	98.1	98.1	98.5	98.5	98.9	99.8
IV 100	90.0	92.5	94.3	95.7	96.6	96.6	97.1	97.3	97.3	97.9	98.1	98.1	98.5	98.5	98.9	99.8
IV 0	90.0	92.5	94.3	95.7	96.6	96.6	97.1	97.3	97.3	97.9	98.1	98.1	98.5	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION
25210

STATION NAME
FORT J. L. S. R. C. / J. L. S. R. C. DT ART

STATION NUMBER
57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

HOURLY

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 18000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 16000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 14000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 12000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 10000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 9000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 8000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 7000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 6000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 5000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 4500	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 4000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 3500	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 3000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 2500	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 2000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 1800	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 1500	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 1200	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 1000	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 900	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 800	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 700	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 600	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 500	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 400	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 300	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 200	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 100	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7
IV 0	43.7	44.0	44.2	44.2	44.3	44.3	44.3	44.4	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7

TOTAL NUMBER OF OBSERVATIONS 7200

AIR FORCE PROCESSING DIVISION
USAF ETAC
AIR FORCE SERVICE/AC

CEILING VERSUS VISIBILITY

05216
STATION

FOOT WILSON EC/MUSKOGEE APT

57-60

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

11
HOURS (M.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.1	45.2	45.3	45.3	45.3	45.3	45.3	45.4	45.4	45.4	45.5	45.5	45.7	45.7	45.9	46.0
IV 20000	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.1	52.1	52.2	52.2	52.3	52.3	52.5	52.7	52.9
IV 18000	51.9	52.1	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.4	52.4	52.4	52.7	52.7	52.9	53.1
IV 16000	52.6	52.7	52.8	52.8	52.8	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.3	53.3	53.3	53.7
IV 14000	54.7	54.8	54.9	54.9	55.0	55.0	55.0	55.1	55.1	55.2	55.2	55.2	55.5	55.5	55.7	55.9
IV 12000	58.5	58.7	58.8	58.8	58.8	58.8	58.9	58.9	58.9	59.0	59.1	59.1	59.3	59.4	59.6	59.9
IV 10000	64.1	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.7	64.8	64.7	65.1	65.1	65.4	65.6
IV 9000	67.8	67.9	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.4	68.5	68.5	68.8	68.8	69.1	69.3
IV 8000	71.7	71.8	72.0	72.0	72.1	72.1	72.2	72.3	72.3	72.4	72.4	72.5	72.7	72.8	73.0	73.2
IV 7000	74.0	74.2	74.4	74.4	74.5	74.5	74.7	74.8	74.8	74.9	75.0	75.0	75.3	75.3	75.6	75.8
IV 6000	76.7	76.9	77.1	77.2	77.3	77.3	77.5	77.6	77.6	77.7	77.8	77.8	78.1	78.1	78.4	78.6
IV 5000	78.4	78.7	78.9	79.0	79.2	79.2	79.5	79.6	79.6	79.7	79.8	79.9	80.1	80.2	80.5	80.7
IV 4500	77.4	77.6	77.8	77.9	78.0	78.1	78.2	78.3	78.3	78.4	78.5	78.5	78.8	78.8	79.1	79.2
IV 4000	78.4	78.7	78.9	79.0	79.2	79.2	79.5	79.6	79.6	79.7	79.8	79.9	80.1	80.2	80.5	80.7
IV 3500	77.4	77.6	77.8	77.9	78.0	78.1	78.2	78.3	78.3	78.4	78.5	78.5	78.8	78.8	79.1	79.2
IV 3000	78.4	78.7	78.9	79.0	79.2	79.2	79.5	79.6	79.6	79.7	79.8	79.9	80.1	80.2	80.5	80.7
IV 2500	81.4	81.7	82.0	82.2	82.5	82.6	82.9	83.1	83.1	83.3	83.5	83.5	83.8	83.9	84.1	84.4
IV 2000	82.6	83.1	83.5	83.6	84.1	84.1	84.5	84.9	84.9	85.2	85.4	85.4	85.7	85.8	86.0	86.3
IV 1800	83.2	83.8	84.1	84.3	84.7	84.8	85.2	85.6	85.6	85.9	86.2	86.2	86.5	86.6	86.8	87.1
IV 1500	84.5	85.2	85.6	85.8	86.4	86.4	86.9	87.4	87.4	87.8	88.2	88.3	88.5	88.6	88.9	89.1
IV 1200	86.0	86.9	87.3	87.6	88.1	88.2	88.8	89.4	89.4	89.9	90.5	90.5	90.8	90.9	91.1	91.4
IV 1000	87.2	88.1	88.6	88.9	89.5	89.5	90.2	90.8	90.8	91.4	92.2	92.3	92.6	92.6	92.9	93.2
IV 900	87.5	88.5	89.1	89.4	90.1	90.1	90.8	91.4	91.4	92.0	92.9	93.1	93.5	93.5	93.8	94.1
IV 800	87.9	88.9	89.6	89.9	90.6	90.7	91.4	92.0	92.0	92.7	93.7	93.8	94.3	94.4	94.7	95.0
IV 700	88.3	89.4	90.0	90.4	91.2	91.3	92.0	92.7	92.7	93.3	94.4	94.5	95.0	95.1	95.4	95.7
IV 600	88.9	90.0	90.7	91.2	92.0	92.1	92.8	93.5	93.5	94.2	95.3	95.5	96.1	96.2	96.5	96.7
IV 500	89.3	90.5	91.3	91.7	92.7	92.7	93.6	94.4	94.4	95.0	96.2	96.4	97.1	97.2	97.5	97.8
IV 400	89.6	90.8	91.6	92.1	93.0	93.1	94.0	94.8	94.8	95.4	96.7	96.8	97.6	97.8	98.1	98.3
IV 300	89.7	91.0	91.8	92.3	93.2	93.3	94.3	95.1	95.1	95.8	97.0	97.2	98.1	98.3	98.6	98.9
IV 200	89.7	91.0	91.8	92.3	93.3	93.4	94.4	95.1	95.1	95.9	97.2	97.4	98.5	98.7	99.1	99.4
IV 100	89.7	91.0	91.8	92.3	93.3	93.4	94.4	95.1	95.2	96.0	97.3	97.5	98.6	98.9	99.3	99.6
IV 0	89.7	91.0	91.8	92.3	93.3	93.4	94.4	95.1	95.2	96.0	97.3	97.5	98.6	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS

7440

USAF ETAC

FORM
JUL 64

0-14-5 (OL 1)

PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATA PROCESSING DIVISION
 USAF ETAC
 11-11-64

CEILING VERSUS VISIBILITY

STATION NAME: 11-11-64 YEARS: 11-11-64 MONTH: 11-11-64

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY: STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2 1/2	≥ 2	≥ 1 1/2	≥ 1 1/4	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4	≥ 0
NO CEILING ≥ 25000	42.0	42.2	42.6	42.7	42.7	42.7	42.8	42.9	42.9	42.9	43.2	43.3	43.3	43.4	43.4	43.4
IV 18000	45.0	45.0	45.4	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.9	45.9	45.9	47.1	47.2	47.2
IV 16000	45.0	45.2	45.5	45.6	45.7	45.7	45.8	45.9	45.9	45.9	47.1	47.1	47.1	47.4	47.4	47.4
IV 14000	47.3	47.7	48.0	48.1	48.2	48.2	48.3	48.4	48.4	48.5	48.7	48.7	48.9	48.9	48.9	48.9
IV 12000	47.7	48.1	48.3	48.3	48.4	48.4	48.5	48.5	48.5	48.5	48.7	48.7	48.9	48.9	48.9	48.9
IV 10000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 9000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 8000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 7000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 6000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 5000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 4500	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 4000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 3500	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 3000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 2500	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 2000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 1800	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 1500	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 1200	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 1000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 900	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 800	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 700	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 600	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 500	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 400	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 300	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 200	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 100	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 0	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5

TOTAL NUMBER OF OBSERVATIONS: 7200

DATA PROCESSING DIVISION
SAF ETAC
AFM EAT 100-100-100-100

CEILING VERSUS VISIBILITY

STATION PORT WILSON NC/100-100-100-100 57-44 YEARS 10 MONTH 10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 2	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1	≥ 1
NO CEILING	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 25000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 18000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 16000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 14000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 12000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 10000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 9000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 8000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 7000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 6000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 5000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 4500	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 4000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 3500	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 3000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 2500	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 2000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 1800	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 1500	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 1200	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 1000	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 900	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 800	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 700	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 600	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 500	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 400	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 300	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 200	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 100	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
IV 0	44.5	44.9	45.4	45.9	45.7	45.7	45.8	45.9	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8

TOTAL NUMBER OF OBSERVATIONS 144

ATA PROCESSION DIVISION
USAF ETAC
13-12-67 DE VICE/ C

CEILING VERSUS VISIBILITY

2521
STATION

PORT NELSON BC/MSKWA INT APT
STATION NAME

27-66
YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 2000	52.3	53.0	53.4	54.0	54.3	54.3	54.5	54.8	54.8	55.2	55.3	55.3	55.3	55.3	55.3	55.3
18000	54.5	55.5	55.9	56.7	57.3	57.0	57.2	57.5	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0
16000	54.8	55.8	56.2	57.0	57.3	57.3	57.5	57.8	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3
14000	55.2	56.1	56.6	57.3	57.6	57.6	57.8	58.2	58.2	58.5	58.6	58.6	58.6	58.6	58.6	58.6
12000	57.3	58.3	58.7	59.5	59.8	59.8	60.0	60.3	60.3	60.6	60.8	60.8	60.8	60.8	60.8	60.8
10000	61.4	62.4	63.1	63.9	64.3	64.3	64.5	64.8	64.8	65.2	65.3	65.3	65.3	65.3	65.3	65.3
9000	63.6	64.5	65.3	66.2	66.7	66.7	66.9	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.6	67.6
8000	66.9	67.8	68.6	69.9	71.4	71.4	71.7	72.0	72.0	72.4	72.5	72.5	72.5	72.5	72.5	72.5
7000	71.4	73.6	74.3	75.7	76.6	76.6	76.9	77.2	77.2	77.5	77.6	77.6	77.6	77.6	77.6	77.6
6000	72.4	74.7	75.6	77.0	77.8	77.8	78.2	78.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9
5000	73.9	76.5	77.0	79.1	80.2	80.2	80.5	80.9	80.9	81.2	81.3	81.3	81.3	81.3	81.3	81.3
4500	74.3	77.3	78.2	80.0	81.1	81.1	81.4	81.7	81.7	82.0	82.2	82.2	82.2	82.2	82.2	82.2
4000	76.0	79.2	80.8	82.6	83.9	83.9	84.3	84.6	84.6	84.9	85.1	85.1	85.1	85.1	85.1	85.1
3500	78.9	80.2	81.8	83.7	85.2	85.2	85.6	85.9	85.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3
3000	77.4	80.8	82.5	84.6	86.7	86.7	87.4	87.7	87.7	88.1	88.2	88.2	88.2	88.2	88.2	88.2
2500	78.4	81.7	83.7	85.8	88.0	88.1	88.9	89.2	89.2	90.1	90.3	90.3	90.3	90.3	90.3	90.3
2000	78.9	82.3	84.3	86.6	88.7	88.8	90.0	90.4	90.4	91.4	91.9	91.9	91.9	91.9	91.9	91.9
1800	79.1	82.5	84.5	86.8	88.9	89.2	90.6	91.1	91.1	92.2	92.6	92.6	92.6	92.6	92.6	92.6
1500	80.5	84.1	86.2	88.6	90.9	91.2	92.7	93.1	93.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4
1200	81.0	85.1	87.3	89.7	92.2	92.6	94.1	94.6	94.6	96.1	97.3	97.4	97.4	97.4	97.4	97.4
1000	81.1	85.2	87.4	90.0	92.3	92.7	94.2	94.7	94.7	96.3	97.5	97.6	97.6	97.6	97.6	97.6
900	81.2	85.2	87.5	90.1	92.4	92.8	94.3	94.9	94.9	96.7	97.8	98.0	98.2	98.2	98.2	98.2
800	81.3	85.4	87.6	90.2	92.5	92.9	94.4	95.1	95.1	96.8	98.1	98.2	98.5	98.5	98.5	98.5
700	81.3	85.4	87.6	90.2	92.5	92.9	94.4	95.2	95.2	96.9	98.2	98.3	98.7	98.7	98.7	98.7
600	81.3	85.4	87.6	90.2	92.5	92.9	94.4	95.2	95.2	96.9	98.2	98.3	98.8	98.8	98.8	98.8
500	81.5	85.6	87.8	90.4	92.7	93.1	94.6	95.4	95.4	97.1	98.5	98.4	99.1	99.2	99.2	99.2
400	81.8	85.5	88.2	90.8	93.0	93.4	94.9	95.7	95.7	97.4	98.8	98.4	99.5	99.6	99.6	99.6
300	81.9	86.0	88.3	90.9	93.1	93.5	95.1	95.8	95.8	97.5	98.9	99.0	99.6	99.7	99.7	99.7
200	81.9	86.0	88.3	90.9	93.1	93.5	95.1	95.8	95.8	97.5	98.9	99.0	99.6	99.7	99.7	99.7
100	81.9	86.0	88.3	90.9	93.1	93.5	95.1	95.8	95.8	97.5	98.9	99.0	99.6	99.7	99.7	99.7
0	81.9	86.0	88.3	90.9	93.1	93.5	95.1	95.8	95.8	97.5	98.9	99.0	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 910

USAF ETAC FORM 0-14.5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
540 ETAC
1111 FOSTER BLVD. WICK/PAO

CEILING VERSUS VISIBILITY

STATION: WICK/PAO 06/05/66 NOT NOT 27-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

7:00-0500
HOURS

CEILING FEET	VISIBILITY: STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 1/64	≥ 1/128	≥ 1/256	≥ 1/512
IN 20000	54.5	51.2	51.1	51.3	52.1	52.2	52.2	52.2	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6
IN 18000	1.1	51.9	53.0	52.2	54.0	54.1	54.1	54.1	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6
IN 16000	1.1	51.9	53.0	52.2	54.0	54.1	54.1	54.1	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6
IN 14000	1.2	22.2	53.1	54.3	54.1	54.2	54.2	54.2	54.3	54.5	54.7	54.7	54.7	54.7	54.7	54.7
IN 12000	1.5	52.4	53.4	52.7	54.4	54.5	54.5	54.5	54.6	54.9	55.1	55.1	55.1	55.1	55.1	55.1
IN 10000	54.8	55.5	56.6	56.4	57.6	57.7	57.7	57.7	57.8	58.2	58.3	58.3	58.3	58.3	58.3	58.3
IN 8000	55.2	60.4	61.7	61.1	63.0	63.1	63.2	63.2	63.3	63.7	63.9	63.9	63.9	63.9	63.9	63.9
IN 6000	55.2	63.1	64.4	64.6	65.9	65.9	66.2	66.2	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.8
IN 4000	55.7	67.2	64.5	68.9	70.1	70.2	70.5	70.5	70.6	71.0	71.1	71.1	71.2	71.2	71.2	71.2
IN 2000	55.7	71.2	72.7	73.1	74.4	74.5	74.8	74.8	74.9	75.3	75.4	75.4	75.5	75.5	75.5	75.5
IN 1800	56.3	72.4	73.9	74.3	75.6	75.7	76.0	76.0	76.1	76.5	76.6	76.6	76.7	76.7	76.7	76.7
IN 1600	73.0	73.3	77.0	77.5	78.8	78.9	79.2	79.2	79.3	79.5	79.9	79.9	80.0	80.0	80.0	80.0
IN 1400	74.1	74.5	78.2	78.8	80.2	80.3	80.6	80.6	80.7	81.0	81.3	81.3	81.4	81.5	81.5	81.5
IN 1200	75.8	78.5	80.4	81.2	82.7	82.8	83.1	83.3	83.4	83.8	83.9	84.2	84.3	84.4	84.4	84.4
IN 1000	76.4	79.6	81.7	82.7	84.2	84.3	84.6	84.8	84.9	85.3	85.4	85.4	85.5	85.5	85.5	85.5
IN 800	77.2	80.1	82.5	82.7	83.5	83.6	83.9	84.1	84.2	84.6	84.7	84.7	84.8	84.8	84.8	84.8
IN 600	78.0	81.6	84.2	83.6	87.4	87.6	88.4	88.7	88.8	89.1	89.2	89.2	89.4	89.4	89.4	89.4
IN 400	78.4	83.7	86.2	87.0	89.8	90.2	91.3	91.3	91.9	92.4	92.6	92.6	92.7	92.7	92.7	92.7
IN 200	78.6	83.9	86.5	88.1	90.2	90.6	91.7	92.6	92.7	93.1	93.3	93.3	93.4	93.4	93.4	93.4
IN 100	78.6	84.8	87.5	89.2	91.4	92.0	93.1	94.2	94.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6
IN 50	78.6	85.4	89.0	90.8	92.9	93.5	94.6	95.7	95.8	96.8	97.2	97.2	97.3	97.4	97.4	97.4
IN 25	78.6	87.2	89.8	91.3	93.7	94.4	95.4	96.5	96.6	97.5	98.1	98.2	98.3	98.3	98.3	98.3
IN 10	78.6	87.2	90.0	91.7	93.9	94.5	95.0	96.7	96.8	97.7	98.3	98.4	98.6	98.6	98.6	98.6
IN 5	78.6	87.6	91.2	91.9	94.1	94.7	95.8	96.9	97.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9
IN 2	78.6	87.6	91.2	91.9	94.1	94.7	95.8	96.9	97.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9
IN 1	78.6	87.6	91.2	91.9	94.1	94.7	95.8	96.9	97.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9
IN 0	78.6	87.6	91.2	91.9	94.1	94.7	95.8	96.9	97.0	98.1	98.7	98.8	98.9	98.9	98.9	98.9

TOTAL NUMBER OF OBSERVATIONS: 730

ATA PROCESSING DIVISION
USAF ETAC
1111 EAST 1ST STREET, WACO, TEXAS 76798-0001

CEILING VERSUS VISIBILITY

STATION WACO METRO AIRPORT 27-66 YEARS 1967-1970
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	43.7	43.2	40.0	46.0	46.2	46.2	46.9	46.2	46.9	46.9	47.0	47.0	47.1	47.1	47.1	47.2
IV 18000	43.7	47.2	48.1	48.6	48.8	48.9	48.9	48.2	48.9	48.9	49.0	49.0	49.1	49.1	49.1	49.2
IV 16000	40.0	47.5	46.4	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.4	49.4	49.5	49.5	49.5	49.6
IV 14000	40.4	48.4	49.2	47.8	50.0	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.3	50.3	50.3	50.4
IV 12000	50.1	51.6	52.5	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.7
IV 10000	55.9	57.5	58.7	59.5	59.7	59.8	59.8	59.8	59.8	59.8	59.9	59.9	60.0	60.0	60.0	60.1
IV 9000	70.3	61.9	63.1	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6
IV 8000	62.7	64.3	65.7	66.6	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.2
IV 7000	60.0	63.6	70.0	71.1	71.4	71.5	71.5	71.5	71.5	71.5	71.6	71.7	71.7	71.8	71.8	71.9
IV 6000	67.0	70.2	71.6	72.7	73.0	73.1	73.1	73.1	73.1	73.2	73.3	73.3	73.4	73.4	73.4	73.5
IV 5000	76.0	73.9	75.2	76.2	76.8	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.3
IV 4500	72.2	75.2	76.9	78.0	78.5	78.7	78.8	78.8	78.8	78.9	79.0	79.0	79.1	79.1	79.1	79.2
IV 4000	74.1	77.2	79.0	80.2	80.9	81.1	81.2	81.2	81.3	81.4	81.5	81.5	81.6	81.6	81.6	81.7
IV 3500	75.7	78.9	81.0	82.2	82.9	83.1	83.4	83.7	83.7	83.8	83.9	83.9	84.0	84.0	84.0	84.1
IV 3000	76.7	80.3	82.5	83.7	84.7	84.9	85.3	85.5	85.5	85.6	85.8	85.8	85.9	85.9	85.9	86.0
IV 2500	77.5	81.5	83.8	85.1	86.2	86.5	86.9	87.4	87.5	87.6	87.8	87.8	88.0	88.0	88.0	88.1
IV 2000	79.7	84.6	86.5	87.7	88.9	89.1	89.6	90.4	90.5	90.6	91.0	91.0	91.1	91.1	91.1	91.2
IV 1800	79.9	84.8	87.0	88.4	89.6	89.8	90.4	91.4	91.5	91.6	92.0	92.0	92.2	92.2	92.2	92.3
IV 1500	80.6	85.1	88.0	89.6	90.9	91.1	91.8	93.1	93.2	93.7	94.2	94.2	94.3	94.3	94.3	94.4
IV 1200	81.7	86.1	89.5	90.8	92.0	92.3	93.0	94.4	94.5	94.9	95.9	95.9	96.0	96.0	96.0	96.1
IV 1000	82.8	87.2	90.1	91.5	93.1	93.3	94.1	95.5	95.6	96.5	97.5	97.5	97.6	97.6	97.6	97.7
IV 900	83.0	87.4	90.3	92.0	93.5	93.5	94.3	95.7	95.8	96.8	97.8	97.8	98.0	98.0	98.1	98.2
IV 800	83.2	87.6	90.0	92.5	93.6	94.0	94.7	96.1	96.2	97.2	98.4	98.4	98.7	98.7	98.8	98.9
IV 700	83.4	87.8	90.9	92.7	94.0	94.2	94.9	96.3	96.5	97.4	98.6	98.6	98.9	98.9	99.0	99.1
IV 600	83.5	88.0	91.0	92.8	94.1	94.3	95.1	96.5	96.6	97.5	98.7	98.7	99.0	99.0	99.1	99.2
IV 500	83.7	88.1	91.1	92.9	94.2	94.4	95.2	96.6	96.7	97.6	98.8	98.8	99.1	99.1	99.2	99.4
IV 400	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.1	99.2	99.4	99.5
IV 300	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.1	99.2	99.4	99.5
IV 200	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.1	99.2	99.4	99.5
IV 100	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.1	99.2	99.4	99.5
IV 0	83.8	88.2	91.2	93.0	94.3	94.5	95.3	96.7	96.8	97.7	98.9	98.9	99.1	99.2	99.4	99.5

TOTAL NUMBER OF OBSERVATIONS 310

DATA PREPARED BY DIVISION
USAF ETAC
IN HEADQUARTERS SERVICE/NO

CEILING VERSUS VISIBILITY

STATION NO. 24212 STATION NAME FORT LUSK MILITARY AIRPORT CITY STATE WY 82001

37-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1400-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .5	≥ 0
NO. OF NO.	53.7	45.7	41.2	47.3	47.1	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
≥ 20000	52.9	52.0	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 18000	51.0	52.2	52.7	52.8	52.6	52.7	52.7	52.7	52.7	52.7	53.0	53.0	53.0	53.0	53.0	53.0
IV 16000	51.2	52.4	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2
IV 14000	52.0	53.8	54.3	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6
IV 12000	57.1	53.6	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4
IV 10000	62.8	64.2	64.7	64.9	64.9	64.9	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
IV 9000	66.1	67.6	68.2	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7
IV 8000	70.6	72.4	73.0	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8
IV 7000	72.8	74.3	75.2	75.7	76.1	76.2	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8
IV 6000	73.9	75.6	76.5	77.0	77.4	77.5	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
IV 5000	74.8	76.7	77.6	78.2	78.6	78.7	79.0	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4
IV 4500	76.3	78.3	79.2	79.8	80.2	80.3	80.6	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
IV 4000	77.8	79.5	81.1	81.8	82.3	82.4	82.9	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
IV 3500	79.4	81.6	82.4	83.0	84.5	84.6	85.2	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	80.4	82.7	84.2	85.4	86.5	86.6	87.2	87.5	87.6	87.8	88.0	88.0	88.0	88.0	88.0	88.0
IV 2500	81.1	83.6	85.3	86.5	87.5	87.7	88.4	89.0	89.0	89.5	89.5	89.6	89.6	89.6	89.6	89.6
IV 2000	81.5	84.5	86.0	87.2	88.3	88.5	89.1	89.9	89.9	91.5	91.6	91.6	91.6	91.6	91.6	91.6
IV 1800	81.0	84.7	86.2	87.4	88.6	88.8	89.5	90.2	90.2	91.9	92.0	92.0	92.0	92.0	92.0	92.0
IV 1500	82.3	85.4	87.0	88.2	89.7	89.9	90.0	91.4	91.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
IV 1200	83.3	86.8	88.4	89.7	91.4	91.6	92.4	93.1	93.1	95.7	96.0	96.1	96.1	96.1	96.1	96.1
IV 1000	83.5	87.4	89.0	90.4	92.2	92.4	93.1	93.9	93.9	96.8	97.2	97.4	97.5	97.5	97.5	97.5
IV 900	83.8	87.6	89.2	90.6	92.5	92.7	93.4	94.2	94.2	97.1	97.6	97.8	98.0	98.0	98.0	98.0
IV 800	84.9	87.8	89.5	91.0	92.7	92.9	93.7	94.4	94.4	97.3	98.3	98.3	98.7	98.7	98.7	98.7
IV 700	85.9	88.0	89.6	91.1	92.9	93.1	93.9	94.6	94.6	97.5	98.5	98.7	98.9	98.9	99.0	99.0
IV 600	86.0	88.1	89.7	91.2	93.0	93.2	94.0	94.7	94.7	97.6	98.6	98.8	99.0	99.0	99.1	99.1
IV 500	86.3	88.4	90.0	91.4	93.3	93.7	94.4	95.2	95.2	98.2	99.1	99.4	99.7	99.7	99.9	99.9
IV 400	86.3	88.4	90.0	91.5	93.3	93.7	94.4	95.2	95.2	98.2	99.1	99.4	99.7	99.7	99.9	99.9
IV 300	86.3	88.4	90.0	91.6	93.4	93.8	94.5	95.3	95.3	98.3	99.2	99.5	99.8	99.8	100.0	100.0
IV 200	86.3	88.4	90.0	91.6	93.4	93.8	94.5	95.3	95.3	98.3	99.2	99.5	99.8	99.8	100.0	100.0
IV 100	86.3	88.4	90.0	91.6	93.4	93.8	94.5	95.3	95.3	98.3	99.2	99.5	99.8	99.8	100.0	100.0
IV 0	86.3	88.4	90.0	91.6	93.4	93.8	94.5	95.3	95.3	98.3	99.2	99.5	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 240

DATA PROCESSING DIVISION
SAFETY
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION 0218 PORT ST. JAMES, NC/BLISS AFB 07-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-1760

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .4	≥ .25	≥ .16	≥ 0
NO CEILING ≥ 20000	40.2	40.3	40.7	40.7	47.0	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	7.2
IV 18000	42.0	42.3	42.0	42.0	52.9	52.9	53.0	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	.1
IV 16000	42.7	42.9	43.2	43.4	53.5	53.5	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	.8
IV 14000	43.3	43.5	43.9	44.1	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	.4
IV 12000	47.3	47.6	48.0	48.2	58.3	58.3	58.5	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	.7
IV 10000	62.5	63.1	63.5	63.6	63.9	63.9	64.2	64.2	64.2	64.4	64.4	64.4	64.4	64.4	64.4	.4
IV 9000	66.8	67.6	68.3	68.6	68.8	68.8	69.1	69.1	69.1	69.4	69.4	69.4	69.4	69.4	69.4	.4
IV 8000	68.8	69.7	70.3	70.6	71.2	71.2	71.5	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.7	.7
IV 7000	71.9	72.9	73.5	73.7	74.1	74.1	74.4	74.4	74.4	74.9	74.9	75.1	75.1	75.1	75.1	.5
IV 6000	72.5	73.4	74.2	74.7	75.3	75.3	75.6	75.7	75.7	75.9	76.1	76.1	76.1	76.1	76.1	.1
IV 5000	73.7	75.1	75.9	76.6	77.4	77.4	78.0	78.2	78.2	78.5	78.7	78.7	78.7	78.7	78.7	.7
IV 4500	74.9	76.3	77.2	77.8	78.7	78.7	79.2	79.5	79.5	79.8	80.0	80.0	80.0	80.0	80.0	.0
IV 4000	76.2	77.6	78.8	79.5	80.4	80.4	81.0	81.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	.8
IV 3500	77.7	79.4	80.8	81.6	82.7	82.7	83.2	83.8	83.8	84.1	84.3	84.3	84.3	84.3	84.3	.3
IV 3000	78.0	80.8	82.3	83.3	84.9	85.1	85.7	86.5	86.5	86.9	87.1	87.1	87.1	87.1	87.1	.1
IV 2500	80.0	82.2	84.0	85.7	87.0	87.2	88.4	89.1	89.1	89.6	89.8	89.8	89.8	89.8	89.8	.8
IV 2000	80.6	83.0	85.3	87.0	88.4	88.7	90.2	91.1	91.1	91.7	92.0	92.0	92.0	92.0	92.0	.0
IV 1800	80.6	83.0	85.3	87.1	88.7	89.0	90.5	91.5	91.5	92.3	92.7	92.7	92.7	92.7	92.7	.7
IV 1500	81.5	84.1	86.5	88.3	90.0	90.2	91.8	92.8	92.8	93.5	94.2	94.2	94.2	94.2	94.2	.2
IV 1200	82.5	85.3	87.6	89.5	91.2	91.5	93.0	94.0	94.0	94.9	95.7	95.7	95.7	95.7	95.7	.7
IV 1000	82.7	85.6	88.1	89.9	91.6	91.9	93.4	94.4	94.4	95.4	96.8	96.8	97.0	97.0	97.0	.0
IV 900	82.9	85.8	88.3	90.1	91.8	92.2	93.7	94.6	94.6	95.7	97.1	97.1	97.3	97.3	97.3	.3
IV 800	83.1	86.1	88.6	90.4	92.2	92.5	94.0	94.9	94.9	96.1	98.0	98.0	98.3	98.3	98.3	.3
IV 700	83.4	86.6	89.0	90.9	92.6	92.9	94.5	95.5	95.5	96.7	98.6	98.6	98.9	98.9	98.9	.9
IV 600	83.7	86.8	89.2	91.1	92.8	93.1	94.8	95.8	95.8	97.0	99.0	99.0	99.6	99.6	99.6	.6
IV 500	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	.0
IV 400	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	.0
IV 300	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	.0
IV 200	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	.0
IV 100	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	.0
IV 0	83.7	86.8	89.2	91.1	92.9	93.2	94.9	95.9	95.9	97.1	99.1	99.1	100.0	100.0	100.0	.0

TOTAL NUMBER OF OBSERVATIONS 737

ATA PROCESSING DIVISION
 SUPPLIAR
 AIR EAT L OF MICHIGAN

CEILING VERSUS VISIBILITY

STATION NO. 45211 STATION NAME TOLSON BC/USAXX INT APT 57-66 YEARS MONTH 1-00-2000

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	52.7	53.4	54.8	57.8	54.1	54.2	54.2	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.4
IV 20000	56.6	57.3	57.7	57.7	58.1	58.2	58.2	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
IV 18000	56.6	57.3	57.7	57.7	58.1	58.2	58.2	58.3	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5
IV 16000	56.7	57.4	57.8	57.8	58.2	58.3	58.4	58.4	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6
IV 14000	57.6	58.4	58.8	58.8	59.1	59.2	59.2	59.4	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
IV 12000	59.5	60.2	60.8	60.8	61.1	61.2	61.2	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5
IV 10000	62.7	63.4	64.1	64.1	64.6	64.7	64.7	64.8	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1
IV 9000	64.4	65.4	66.0	66.0	66.6	66.7	66.7	66.8	66.8	66.9	67.0	67.0	67.0	67.0	67.0	67.0
IV 8000	67.1	68.2	69.2	69.7	70.4	70.6	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1
IV 7000	71.0	72.3	73.4	73.9	74.8	75.1	75.2	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6
IV 6000	71.3	72.6	74.1	74.6	75.6	75.9	76.0	76.2	76.2	76.3	76.5	76.5	76.5	76.5	76.5	76.5
IV 5000	72.7	74.3	75.6	76.2	77.0	77.1	78.7	79.0	79.0	79.1	79.2	79.2	79.2	79.2	79.2	79.2
IV 4500	72.9	74.8	76.2	76.9	78.3	78.7	79.4	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9
IV 4000	74.0	75.6	77.4	78.2	79.7	80.3	81.0	81.3	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
IV 3500	75.3	77.4	79.1	80.0	81.5	82.2	82.8	83.1	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3
IV 3000	76.6	79.2	81.0	81.9	83.7	84.4	85.2	85.6	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 2500	77.2	79.6	81.6	82.7	84.5	85.4	86.2	87.0	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 2000	78.2	81.1	83.0	84.2	86.2	87.1	88.0	89.2	89.4	90.5	90.9	90.9	90.9	90.9	90.9	90.9
IV 1800	78.5	81.5	83.5	84.7	86.9	87.7	88.6	90.0	90.2	91.5	91.8	91.8	91.8	91.8	91.8	91.8
IV 1500	79.6	82.7	84.1	86.2	88.5	89.4	90.3	91.9	92.3	93.9	94.4	94.4	94.4	94.4	94.4	94.4
IV 1200	79.9	83.1	85.5	86.7	88.9	90.0	91.1	92.7	93.0	94.8	95.7	95.7	95.8	95.8	95.8	95.8
IV 1000	80.2	83.4	85.8	87.1	89.5	90.5	91.6	93.2	93.5	95.5	97.0	97.0	97.3	97.3	97.3	97.3
IV 900	80.2	83.4	85.8	87.1	89.5	90.5	91.6	93.2	93.5	95.5	97.1	97.1	97.6	97.6	97.6	97.6
IV 800	80.3	83.5	85.9	87.2	89.6	90.6	91.7	93.3	93.7	95.6	97.4	97.4	98.2	98.2	98.2	98.2
IV 700	80.6	83.9	86.2	87.6	90.0	91.1	92.2	93.8	94.1	96.0	98.0	98.0	98.7	98.7	98.7	98.7
IV 600	80.8	84.0	86.5	87.8	90.2	91.3	92.4	94.0	94.3	96.2	98.3	98.3	99.1	99.1	99.1	99.1
IV 500	80.9	84.1	86.6	88.0	90.3	91.4	92.5	94.1	94.4	96.3	98.5	98.5	99.6	99.6	99.6	99.6
IV 400	80.9	84.1	86.6	88.0	90.3	91.4	92.5	94.1	94.4	96.3	98.5	98.5	99.6	99.6	99.6	99.6
IV 300	81.0	84.2	86.7	88.1	90.4	91.5	92.6	94.2	94.5	96.5	98.6	98.6	99.7	99.7	99.7	99.7
IV 200	81.2	84.4	86.9	88.3	90.6	91.7	92.8	94.4	94.7	96.7	98.8	98.8	99.9	99.9	99.9	99.9
IV 100	81.2	84.4	86.9	88.3	90.6	91.7	92.8	94.4	94.7	96.7	98.8	98.8	99.9	99.9	99.9	99.9
IV 0	81.2	84.4	86.9	88.3	90.6	91.7	92.8	94.4	94.7	96.7	98.8	98.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/AAO

CEILING VERSUS VISIBILITY

STATION NO. 2541 STATION NAME FORT WILSON NC/USMC OUT APT YEARS 57-66 MONTH JAN

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

2100-2300

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING	1.9	52.0	54.1	53.3	53.7	53.1	53.9	53.9	53.9	54.3	54.4	54.4	54.5	54.5	54.5
≥ 20000	55.4	56.1	56.8	57.0	57.3	57.4	57.5	57.5	57.5	58.0	58.1	58.1	58.2	58.2	58.2
IV 18000	55.4	56.1	56.8	57.0	57.3	57.4	57.5	57.5	57.5	58.0	58.1	58.1	58.2	58.2	58.2
IV 16000	55.0	56.3	57.0	57.2	57.5	57.6	57.7	57.7	57.7	58.2	58.3	58.3	58.4	58.4	58.4
IV 14000	56.5	57.2	58.0	58.2	58.5	58.6	58.7	58.7	58.7	59.1	59.2	59.2	59.4	59.4	59.4
IV 12000	58.3	59.1	60.0	60.2	60.5	60.6	60.8	60.8	60.8	61.2	61.3	61.3	61.4	61.4	61.4
IV 10000	62.4	63.2	64.2	64.4	64.8	64.9	65.1	65.1	65.1	65.5	65.6	65.6	65.7	65.7	65.7
IV 9000	64.3	65.2	66.1	66.3	66.8	66.9	67.0	67.0	67.0	67.4	67.5	67.5	67.6	67.6	67.6
IV 8000	67.5	68.6	69.7	70.0	70.4	70.6	70.9	70.9	70.9	71.3	71.4	71.4	71.5	71.5	71.5
IV 7000	70.3	71.4	72.6	72.9	73.3	73.7	74.0	74.0	74.0	74.4	74.5	74.5	74.6	74.6	74.6
IV 6000	71.1	72.3	73.4	73.8	74.2	74.5	74.8	74.8	74.8	75.3	75.4	75.4	75.5	75.5	75.5
IV 5000	71.8	73.7	75.6	76.2	76.8	77.1	77.4	77.4	77.4	77.8	78.0	78.0	78.1	78.1	78.1
IV 4500	72.2	74.5	76.7	77.3	77.8	78.2	78.6	78.6	78.6	79.0	79.1	79.1	79.2	79.2	79.2
IV 4000	73.4	76.3	78.8	79.5	80.0	80.3	80.9	81.0	81.0	81.4	81.5	81.5	81.6	81.6	81.6
IV 3500	74.5	77.8	80.8	81.4	81.9	82.3	83.0	83.1	83.1	83.7	83.8	83.8	83.9	83.9	83.9
IV 3000	75.4	78.7	81.7	82.5	83.2	83.5	84.5	84.6	84.6	85.2	85.4	85.4	85.5	85.5	85.5
IV 2500	76.0	79.6	82.6	83.3	84.1	84.4	85.5	86.0	86.0	86.6	86.8	86.8	86.9	86.9	86.9
IV 2000	77.5	81.2	84.6	85.5	86.5	86.8	88.2	89.2	89.2	90.3	90.6	90.6	90.8	90.8	90.8
IV 1800	78.1	81.8	85.4	86.2	87.3	87.6	89.0	90.2	90.2	91.3	91.6	91.6	91.9	91.9	91.9
IV 1500	78.2	82.8	87.0	87.8	89.2	89.6	91.0	92.4	92.7	94.0	94.6	94.6	94.7	94.7	94.7
IV 1200	79.5	83.3	87.5	88.4	89.8	90.1	91.6	93.5	93.7	94.9	95.7	95.7	95.8	95.8	95.8
IV 1000	79.7	83.5	87.7	88.6	90.0	90.4	91.8	93.9	93.9	95.7	96.9	96.9	97.2	97.2	97.2
IV 900	79.7	83.5	87.7	88.6	90.0	90.4	91.8	93.9	93.9	95.7	96.9	96.9	97.2	97.2	97.2
IV 800	80.0	83.9	88.1	88.9	90.3	90.6	92.3	94.2	94.3	96.3	97.7	97.7	98.3	98.3	98.3
IV 700	80.1	84.0	88.2	89.0	90.4	90.7	92.5	94.4	94.5	96.6	98.3	98.3	99.0	99.0	99.0
IV 600	80.2	84.1	88.3	89.1	90.5	90.9	92.6	94.5	94.6	96.7	98.4	98.4	99.1	99.1	99.1
IV 500	80.4	84.3	88.5	89.4	90.8	91.1	92.8	94.7	94.8	96.9	98.7	98.7	99.7	99.7	99.7
IV 400	80.4	84.5	88.7	89.6	91.0	91.3	93.0	94.9	95.1	97.1	98.9	98.9	99.9	99.9	99.9
IV 300	80.4	84.5	88.7	89.6	91.1	91.4	93.1	95.1	95.2	97.2	99.0	99.0	100.0	100.0	100.0
IV 200	80.4	84.5	88.7	89.6	91.1	91.4	93.1	95.1	95.2	97.2	99.0	99.0	100.0	100.0	100.0
IV 100	80.4	84.5	88.7	89.6	91.1	91.4	93.1	95.1	95.2	97.2	99.0	99.0	100.0	100.0	100.0
IV 0	80.4	84.5	88.7	89.6	91.1	91.4	93.1	95.1	95.2	97.2	99.0	99.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

25218
STATION

FORT NELSON CC/INSTRUMENT AIR

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0700
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING ≥ 20000	51.6	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.6	50.7	50.7	50.7	50.7	50.7	50.7
IV 18000	52.4	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.4	53.4	53.4	53.4	53.4	53.4
IV 16000	52.5	53.1	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.5	53.5
IV 14000	53.4	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5
IV 12000	56.7	57.3	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
IV 10000	61.9	62.9	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.6	63.7	63.7	63.7	63.7	63.7	63.7
IV 9000	65.1	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	67.0	67.1	67.1	67.1	67.1	67.1	67.1
IV 8000	68.3	69.5	69.6	70.0	70.1	70.1	70.1	70.1	70.1	70.2	70.3	70.3	70.3	70.3	70.3	70.3
IV 7000	72.5	74.0	74.2	74.6	74.9	74.9	74.9	74.9	74.9	75.1	75.2	75.2	75.2	75.2	75.2	75.2
IV 6000	73.4	74.9	75.2	75.5	75.9	75.9	75.9	75.9	75.9	76.0	76.1	76.1	76.1	76.1	76.1	76.1
IV 5000	75.5	76.7	77.1	77.7	80.1	80.1	80.1	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.4
IV 4500	77.8	80.1	80.6	81.2	81.7	81.7	81.7	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9
IV 4000	79.9	82.3	82.9	83.5	83.9	83.9	83.9	84.0	84.0	84.5	84.6	84.6	84.6	84.6	84.6	84.6
IV 3500	80.7	83.3	83.9	84.5	85.0	85.0	85.0	85.1	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	81.9	84.6	85.2	85.8	86.4	86.4	86.4	86.6	86.8	87.4	87.5	87.5	87.5	87.5	87.5	87.5
IV 2500	83.5	86.3	87.0	87.6	88.2	88.4	88.5	88.5	88.5	89.4	89.6	89.6	89.6	89.6	89.6	89.6
IV 2000	84.5	87.4	88.1	88.7	89.7	90.2	90.2	90.2	90.7	91.4	92.0	92.0	92.0	92.0	92.0	92.0
IV 1800	85.2	88.1	88.8	89.7	90.4	90.9	91.0	91.4	91.5	92.8	93.4	93.4	93.4	93.4	93.4	93.4
IV 1500	86.8	89.8	89.5	90.5	92.0	92.4	92.7	93.0	93.1	94.4	95.4	95.4	95.4	95.4	95.4	95.4
IV 1200	88.4	89.7	90.4	91.8	93.3	93.7	94.1	94.6	94.7	96.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	87.6	90.5	91.3	92.7	94.1	94.6	94.9	95.4	95.5	97.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 900	87.7	90.8	91.5	92.9	94.3	94.8	95.2	95.6	95.7	97.3	98.2	98.2	98.2	98.2	98.2	98.2
IV 800	87.8	90.9	91.6	93.0	94.4	94.9	95.3	95.7	95.9	97.4	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	88.1	91.3	92.0	93.4	94.8	95.3	95.6	96.1	96.2	97.8	98.7	98.7	98.7	98.7	98.7	98.7
IV 600	88.2	91.5	92.2	93.6	95.0	95.5	95.9	96.3	96.5	98.0	98.9	98.9	98.9	98.9	98.9	98.9
IV 500	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 400	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 100	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8
IV 0	88.3	91.6	92.6	94.1	95.6	96.1	96.5	96.9	97.0	98.6	99.8	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 946

DATA PROCESSING DIVISION
USAF ETAC
NATIONAL WEATHER SERVICE/ETAC

CEILING VERSUS VISIBILITY

STATION 23210 PLANT HILL, MISSOURI PLANT HILL APT 57-66 YEARS 1950-1959 MONTH 01-12

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4
IV 20000	46.7	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2
IV 18000	46.7	46.9	46.9	46.9	46.9	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.2	47.2	47.2	47.2
IV 16000	46.7	47.2	47.2	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
IV 14000	46.2	48.5	48.5	48.5	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.7	48.7	48.7	48.7
IV 12000	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.5	51.5	51.5	51.5	51.5	51.7	51.7	51.7	51.7
IV 10000	57.6	58.3	58.5	58.5	58.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.7	58.7	58.7	58.7
IV 9000	60.9	61.6	61.8	61.8	61.9	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.2	62.2	62.2	62.2
IV 8000	65.6	66.5	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1
IV 7000	69.7	70.7	70.9	71.0	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.9	71.9	71.9	71.9
IV 6000	70.9	71.9	72.1	72.3	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.2	73.2	73.2	73.2
IV 5000	74.3	75.9	76.1	76.6	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4
IV 4500	74.9	76.5	76.8	77.3	78.0	78.0	78.1	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
IV 4000	77.0	79.0	79.3	79.8	80.6	80.6	80.7	80.9	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1
IV 3500	77.5	79.8	80.1	80.6	81.6	81.6	81.6	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2
IV 3000	77.4	82.0	82.6	83.1	84.2	84.2	84.4	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
IV 2500	79.8	82.6	83.5	83.9	85.0	85.0	85.3	85.8	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2
IV 2000	81.1	83.9	85.0	85.9	87.1	87.2	87.7	88.2	88.7	89.1	89.1	89.1	89.2	89.2	89.2	89.2
IV 1800	82.3	85.1	86.2	87.1	88.3	88.4	88.9	89.5	90.0	90.8	90.9	90.9	91.0	91.0	91.0	91.0
IV 1500	84.4	87.2	88.3	89.2	90.5	90.7	91.1	92.0	92.6	93.6	93.7	93.7	93.9	93.9	93.9	93.9
IV 1200	85.6	88.4	89.5	90.5	91.8	92.0	92.4	93.4	94.0	95.0	95.5	95.5	95.6	95.6	95.6	95.6
IV 1000	87.5	90.3	91.4	92.4	93.7	93.9	94.3	95.3	95.9	97.2	97.6	97.6	97.9	97.9	97.9	97.9
IV 900	87.8	90.7	91.7	92.8	94.1	94.2	94.7	95.6	96.2	97.5	98.0	98.0	98.2	98.2	98.2	98.2
IV 800	87.8	90.7	91.7	92.8	94.1	94.2	94.7	95.7	96.3	97.8	98.2	98.2	98.5	98.5	98.5	98.5
IV 700	87.9	90.8	91.8	92.9	94.2	94.3	94.8	95.9	96.5	97.9	98.3	98.3	98.6	98.6	98.6	98.6
IV 600	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.1	96.7	98.1	98.6	98.6	98.8	98.8	98.8	98.8
IV 500	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2
IV 400	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2
IV 300	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2
IV 200	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2
IV 100	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2
IV 0	88.1	90.9	92.0	93.0	94.3	94.6	95.0	96.3	96.9	98.5	98.9	98.9	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 846

DATA PROCESSING DIVISION
 USAF ETAC
 AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 25214 FORT NELSON BC/NUKKA OUT ART

57-66

YEAR

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0000
 (LOCAL TIME)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¼	≥ 5/16	≥ 1/8	≥ 0
NO CEILING ≥ 20000	40.6	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.1	41.3	41.3	41.7	41.3	41.3	41.3	41.7
IV 18000	42.9	43.0	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 16000	42.9	43.0	43.1	43.1	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
IV 14000	43.9	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
IV 12000	46.5	46.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
IV 10000	53.3	53.7	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
IV 9000	58.6	58.7	58.8	58.8	58.9	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
IV 8000	62.6	63.5	63.7	63.8	64.4	64.4	64.5	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.9	64.9
IV 7000	67.4	68.3	68.8	68.9	69.3	69.5	69.7	69.7	69.7	69.9	69.9	69.9	70.0	70.0	70.1	70.1
IV 6000	67.7	68.7	69.1	69.3	69.9	70.0	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.6	70.6
IV 5000	71.4	72.6	73.3	73.5	74.1	74.2	74.7	74.7	74.7	74.8	74.8	74.8	74.9	74.9	75.1	75.1
IV 4500	73.0	74.2	75.1	75.3	75.9	76.0	76.5	76.5	76.5	76.7	76.7	76.7	76.8	76.8	77.0	77.0
IV 4000	74.6	75.8	77.0	77.2	77.8	78.0	78.8	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.4	79.4
IV 3500	76.5	78.0	79.3	79.6	80.3	80.6	81.0	81.7	81.7	81.9	81.9	81.9	82.0	82.0	82.2	82.2
IV 3000	77.9	79.4	81.0	81.3	82.2	82.5	83.7	83.9	83.9	84.2	84.2	84.2	84.3	84.3	84.4	84.4
IV 2500	78.5	80.0	81.7	82.0	83.0	83.3	84.6	84.9	84.9	85.1	85.1	85.1	85.2	85.2	85.3	85.3
IV 2000	80.6	82.2	84.2	84.6	85.8	86.2	87.6	87.8	88.2	88.5	88.8	88.8	88.9	88.9	89.0	89.0
IV 1800	81.3	82.9	84.9	85.5	86.6	87.0	88.7	88.9	89.2	89.7	90.0	90.0	90.2	90.2	90.3	90.3
IV 1500	83.1	84.6	85.9	87.5	88.7	89.0	90.9	91.1	91.5	92.4	92.7	92.7	92.9	92.9	93.0	93.0
IV 1200	85.8	85.5	87.8	88.4	89.6	90.0	91.8	92.4	92.8	93.9	94.1	94.1	94.3	94.3	94.4	94.4
IV 1000	86.3	87.9	90.3	90.9	92.2	92.6	94.4	95.0	95.4	96.8	97.0	97.2	97.4	97.4	97.5	97.5
IV 900	86.8	88.4	90.8	91.4	92.7	93.0	94.9	95.5	95.9	97.3	97.5	97.6	97.9	97.9	98.0	98.0
IV 800	87.0	88.7	91.0	91.6	92.9	93.3	95.2	95.7	96.1	97.9	98.1	98.2	98.5	98.5	98.6	98.6
IV 700	87.4	89.0	91.4	92.0	93.3	93.6	95.5	96.1	96.5	98.2	98.5	98.6	98.8	98.8	98.9	98.9
IV 600	87.5	89.1	91.5	92.1	93.4	93.7	95.6	96.2	96.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1
IV 500	87.5	89.1	91.5	92.1	93.4	93.7	95.6	96.2	96.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1
IV 400	87.5	89.1	91.5	92.1	93.4	93.7	95.6	96.2	96.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1
IV 300	87.5	89.1	91.5	92.1	93.4	93.7	95.6	96.2	96.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1
IV 200	87.5	89.1	91.5	92.1	93.4	93.7	95.6	96.2	96.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1
IV 100	87.5	89.1	91.5	92.1	93.4	93.7	95.6	96.2	96.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1
IV 0	87.5	89.1	91.5	92.1	93.4	93.7	95.6	96.2	96.6	98.3	98.6	98.7	98.9	98.9	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS

246

ATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 24211 SAF ETAC 01/15/66 01/15/66 01/15/66

STATION NAME SAF ETAC

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
≥ 20000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
IV 18000	41.7	42.3	42.4	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.9	42.9	42.9	42.9	42.9	42.9
IV 16000	42.1	42.7	42.8	42.9	42.9	42.9	42.9	43.0	43.0	43.0	43.3	43.3	43.3	43.3	43.3	43.3
IV 14000	43.3	43.9	44.0	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4
IV 12000	44.6	47.2	47.3	47.4	47.4	47.4	47.4	47.5	47.5	47.5	47.8	47.8	47.8	47.8	47.8	47.8
IV 10000	51.1	51.9	52.1	52.5	52.8	52.8	52.8	53.0	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2
IV 9000	55.0	55.9	56.1	56.5	56.9	56.9	56.9	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2
IV 8000	61.0	62.4	62.8	63.4	63.9	63.9	64.1	64.3	64.3	64.5	64.9	64.9	64.9	64.9	64.9	64.9
IV 7000	66.5	68.3	68.8	69.3	70.2	70.2	70.4	70.9	70.9	71.2	71.5	71.5	71.5	71.5	71.5	71.5
IV 6000	67.1	68.9	69.4	70.2	71.2	71.2	71.4	71.9	71.9	72.1	72.5	72.5	72.5	72.5	72.5	72.5
IV 5000	69.6	71.3	72.0	72.9	73.9	74.0	74.2	74.7	74.7	74.9	75.3	75.3	75.3	75.3	75.3	75.3
IV 4500	70.3	72.3	72.9	74.0	74.9	75.2	75.4	75.9	75.9	76.2	76.6	76.6	76.6	76.6	76.6	76.6
IV 4000	72.2	75.4	76.4	77.4	78.5	79.0	79.2	79.8	79.8	80.3	80.6	80.6	80.6	80.6	80.6	80.6
IV 3500	75.2	79.1	79.1	80.3	81.4	81.9	82.3	82.7	82.7	83.2	83.6	83.6	83.6	83.6	83.6	83.6
IV 3000	76.0	79.0	80.0	81.0	82.9	83.3	83.7	84.2	84.2	84.8	85.3	85.3	85.3	85.3	85.3	85.3
IV 2500	77.0	79.9	81.0	82.5	83.9	84.4	84.8	85.3	85.3	85.9	86.5	86.5	86.5	86.5	86.5	86.5
IV 2000	77.1	80.1	81.4	83.0	84.9	85.3	85.9	86.5	86.8	87.7	88.3	88.3	88.3	88.3	88.3	88.3
IV 1800	77.9	81.2	82.7	84.3	86.3	86.8	87.5	88.1	88.3	89.6	90.2	90.2	90.2	90.2	90.2	90.2
IV 1500	79.1	82.5	84.2	86.1	88.2	88.7	89.8	90.4	90.7	92.4	93.3	93.3	93.3	93.3	93.3	93.3
IV 1200	80.5	84.2	85.9	87.9	90.4	91.0	92.2	92.9	93.1	94.9	95.9	95.9	96.0	96.0	96.0	96.0
IV 1000	81.2	85.0	86.8	88.8	91.5	92.1	93.4	94.1	94.3	96.2	97.3	97.3	97.3	97.3	97.3	97.3
IV 900	81.6	85.3	87.1	89.1	91.8	92.4	93.7	94.4	94.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8
IV 800	81.7	85.5	87.2	89.2	92.0	92.6	93.9	94.6	94.8	96.8	98.2	98.2	98.2	98.2	98.2	98.2
IV 700	81.9	85.7	87.5	89.5	92.2	92.8	94.1	94.8	95.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5
IV 600	82.0	85.8	87.6	89.6	92.3	92.9	94.2	94.9	95.2	97.2	98.6	98.6	98.6	98.6	98.6	98.6
IV 500	82.0	85.8	87.6	89.6	92.3	92.9	94.2	94.9	95.2	97.2	98.6	98.6	98.6	98.6	98.6	98.6
IV 400	82.2	86.1	87.8	89.8	92.7	93.3	94.6	95.3	95.5	97.5	98.9	98.9	98.9	98.9	98.9	98.9
IV 300	82.3	86.2	87.9	90.0	92.8	93.4	94.7	95.4	95.6	97.6	99.1	99.1	99.1	99.1	99.1	99.1
IV 200	82.4	86.3	88.1	90.1	92.9	93.5	94.8	95.5	95.7	97.8	99.4	99.4	99.4	99.4	99.4	99.4
IV 100	82.4	86.3	88.1	90.1	92.9	93.5	94.8	95.5	95.7	97.8	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	82.4	86.3	88.1	90.1	92.9	93.5	94.8	95.5	95.7	97.8	99.4	99.4	99.4	99.4	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 246

DATA PROCESSING DIVISION
USAF ETAC
AIR BEAT FOR SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME PORT JESSE PORT ARY 57-66 YEARS 1 MONTH 1-12
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 20000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 18000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 16000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 14000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 12000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 10000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 8000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 7000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 6000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 5000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 4000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 3500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 3000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 2000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1800	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1200	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 1000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 900	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 800	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 700	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 600	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 500	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 400	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 300	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 200	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 100	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
≥ 0	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7

TOTAL NUMBER OF OBSERVATIONS 146

ATA PROTESTA DIVISION
JAF ETAC
AIR CRAFT ENGINE VICE/AC

CEILING VERSUS VISIBILITY

STATION: PLATONIA, COLUMBIA, DIST. APT 37-66 YEARS: 1-00-7000
MONTH: 1-00-7000
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ .3
NO CEILING	45.6	46.1	46.2	46.3	46.3	46.3	46.5	46.7	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 20000	47.6	50.5	50.6	50.7	50.7	50.8	50.9	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
IV 18000	49.8	50.6	50.7	50.8	50.9	50.9	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 16000	52.2	51.1	51.2	51.3	51.4	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 14000	51.3	52.1	52.2	52.4	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 12000	54.0	55.0	55.1	55.2	55.3	55.3	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 10000	59.6	60.5	60.9	61.0	61.3	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
IV 9000	63.6	64.2	65.4	65.5	65.6	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
IV 8000	67.5	69.1	69.7	69.9	70.3	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
IV 7000	70.9	72.7	73.4	73.6	74.3	74.3	74.8	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2
IV 6000	71.9	73.6	74.5	74.7	75.5	75.5	76.0	76.1	76.2	76.4	76.4	76.4	76.4	76.4	76.4	76.4
IV 5000	74.7	75.5	77.3	77.5	78.4	78.5	79.0	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 4500	76.6	78.4	79.2	79.4	80.3	80.4	81.0	81.3	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6
IV 4000	78.0	79.9	80.7	81.0	81.9	82.3	82.9	83.2	83.3	83.6	83.7	83.7	83.7	83.7	83.7	83.7
IV 3500	79.5	81.9	82.7	83.0	83.9	84.3	84.9	85.2	85.3	85.7	85.8	85.8	85.8	85.8	85.8	85.8
IV 3000	81.0	83.9	84.8	85.0	86.1	86.4	87.0	87.5	87.6	87.9	88.1	88.1	88.1	88.1	88.1	88.1
IV 2500	82.7	85.2	86.1	86.4	87.5	88.2	88.9	89.4	89.5	90.0	90.1	90.1	90.1	90.1	90.1	90.1
IV 2000	84.0	86.6	87.9	88.4	89.7	90.4	91.7	92.3	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800	84.4	87.3	88.3	89.0	90.4	91.1	92.7	93.4	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.3
IV 1500	84.9	87.5	89.0	89.3	91.3	92.0	93.2	94.3	94.4	95.2	95.9	95.9	95.9	95.9	95.9	95.9
IV 1200	85.5	88.2	89.7	90.7	92.1	92.8	94.6	95.4	95.5	96.3	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	86.1	88.9	90.4	91.4	92.6	93.5	95.4	96.3	96.7	97.5	98.6	98.7	98.7	98.7	98.7	98.7
IV 900	86.3	89.1	90.7	91.6	93.0	93.7	95.7	96.7	97.0	98.0	99.1	99.2	99.2	99.2	99.2	99.2
IV 800	86.4	89.2	90.8	91.7	93.1	93.9	95.9	96.8	97.2	98.1	99.2	99.4	99.4	99.4	99.4	99.4
IV 700	86.4	89.2	90.8	91.7	93.1	93.9	95.9	96.8	97.3	98.3	99.4	99.6	99.6	99.6	99.6	99.6
IV 600	86.4	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 500	86.4	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 400	86.4	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 300	86.4	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 200	86.4	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 100	86.4	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.9	99.9	99.9	99.9	99.9
IV 50	86.4	89.2	91.0	92.0	93.4	94.1	96.1	97.2	97.5	98.6	99.6	99.9	99.9	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 946

ATC PROGRESS DIVISION
FORM 874
1-1-64 (REV. 1-1-64)

CEILING VERSUS VISIBILITY

STATION NAME WISCONSIN DTP YEARS 57-66 MONTH 1-1-66

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
MOON (L.F.T.)

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ 0
≥ 10000	51.3	51.7	52.0	52.2	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
≥ 8000	53.3	53.7	54.0	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
≥ 6000	53.3	53.8	54.1	54.5	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 4000	54.7	55.1	55.4	55.7	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
≥ 2000	56.9	57.2	57.6	57.7	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
≥ 1000	61.0	61.7	62.3	62.7	63.4	63.4	63.4	63.7	63.5	62.5	63.5	63.5	63.5	63.5	63.5
≥ 800	63.6	64.4	65.0	65.6	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
≥ 600	66.8	67.7	68.3	68.9	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
≥ 500	72.6	74.5	75.1	76.1	76.8	76.8	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
≥ 400	73.3	75.2	75.9	77.1	77.8	77.8	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
≥ 300	77.2	79.1	79.9	81.1	81.8	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
≥ 200	78.0	80.0	81.1	82.3	83.2	83.3	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
≥ 100	79.7	81.5	83.1	84.3	85.3	85.5	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
≥ 80	81.0	83.2	84.5	85.7	86.8	86.9	87.2	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 60	81.6	83.8	85.3	86.6	88.1	88.2	88.2	88.8	88.8	89.0	89.2	89.2	89.2	89.2	89.2
≥ 40	85.1	87.7	89.2	91.0	92.0	92.9	93.7	94.4	94.4	95.2	95.6	95.6	95.6	95.6	95.6
≥ 30	85.5	88.1	89.6	91.4	93.0	93.4	94.2	94.9	94.9	95.7	96.2	96.2	96.2	96.2	96.2
≥ 20	85.6	88.2	89.7	91.7	93.4	93.7	94.8	95.5	95.5	96.5	97.3	97.3	97.3	97.3	97.3
≥ 10	85.6	88.7	90.2	92.3	94.0	94.3	95.4	96.2	96.2	97.2	98.1	98.1	98.1	98.1	98.1
≥ 8	86.2	89.5	91.0	93.1	94.8	95.2	96.2	97.0	97.0	98.0	99.1	99.1	99.1	99.1	99.1
≥ 6	86.8	89.7	91.3	93.4	95.0	95.4	96.5	97.4	97.3	98.2	99.3	99.3	99.3	99.3	99.3
≥ 4	86.9	89.8	91.4	93.5	95.2	95.5	96.6	97.4	97.4	98.3	99.4	99.4	99.4	99.4	99.4
≥ 3	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ 2	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ 1	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .75	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .5	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .25	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .16	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .1	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .075	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .05	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .025	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8
≥ .01	87.2	90.2	91.7	93.9	95.5	95.9	96.9	97.8	97.8	98.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 146

ATA PROPOSED: 10000
 USAF ETAC
 DATE: 01-10-70

CEILING VERSUS VISIBILITY

STATION: 10000 37-46 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0300

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING	55.6	55.6	48.7	56.7	56.7	58.7	58.7	53.7	48.7	58.7	58.7	58.7	58.7	58.8	58.8	58.8
≥ 2000	60.3	60.3	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
IV 18000	60.3	60.3	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
IV 16000	60.3	61.2	61.5	61.5	61.6	61.6	61.6	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7
IV 14000	62.2	62.6	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0
IV 12000	64.8	65.3	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7
IV 10000	68.0	68.5	68.7	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0	69.0	69.0
IV 9000	71.5	72.2	72.5	72.5	72.7	72.7	72.7	72.5	72.8	72.8	72.8	72.8	72.8	73.0	73.0	73.0
IV 8000	72.8	73.8	74.4	74.5	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.3	75.3	75.3
IV 7000	73.7	75.8	77.5	77.7	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6
IV 6000	76.1	77.3	78.1	78.3	78.6	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.1	79.1
IV 5000	78.7	80.0	80.8	81.1	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0
IV 4500	80.2	81.6	82.5	82.9	83.5	83.5	83.5	83.9	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1
IV 4000	81.2	83.0	83.9	84.4	85.4	85.4	85.4	85.7	85.7	85.8	85.8	85.8	85.8	86.2	86.2	86.2
IV 3500	82.4	84.2	85.1	85.6	86.6	86.6	86.6	86.9	86.9	87.0	87.2	87.2	87.2	87.4	87.4	87.4
IV 3000	83.1	85.1	85.9	86.6	87.5	87.5	87.5	88.1	88.2	88.2	88.3	88.5	88.5	88.7	88.7	88.7
IV 2500	84.2	86.2	87.4	88.2	89.2	89.2	89.2	89.8	90.0	90.1	90.2	90.4	90.4	91.0	91.0	91.0
IV 2000	85.7	88.1	89.4	90.1	91.2	91.2	91.2	91.8	92.2	92.5	92.8	93.7	93.7	93.9	93.9	93.9
IV 1800	86.5	89.0	90.3	91.1	92.3	92.3	92.3	93.2	93.5	94.3	95.2	95.2	95.2	95.4	95.4	95.4
IV 1600	88.1	90.8	92.0	92.8	94.0	94.0	94.0	95.1	95.4	96.8	98.1	98.1	98.1	98.4	98.4	98.4
IV 1400	88.2	90.9	92.2	93.7	94.3	94.3	94.3	95.5	95.8	97.5	98.8	98.8	98.8	99.1	99.1	99.1
IV 1200	88.4	91.1	92.4	93.2	94.5	94.5	94.5	95.7	96.0	97.7	99.1	99.1	99.1	99.5	99.5	99.5
IV 1000	88.5	91.2	92.5	93.3	94.6	94.6	94.6	95.8	96.1	97.8	99.4	99.4	99.4	99.7	99.7	99.7
IV 900	88.5	91.3	92.6	93.4	94.7	94.7	94.7	95.9	96.2	98.0	99.5	99.5	99.5	99.8	99.8	99.8
IV 800	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9
IV 700	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9
IV 600	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9
IV 500	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9
IV 400	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9
IV 300	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9
IV 250	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9
IV 100	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9
IV 0	88.5	91.4	92.7	93.5	94.8	94.8	94.8	95.5	96.0	96.3	98.1	99.6	99.6	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 240

DATA PROCESSING DIVISION
 SAF ETAC
 FM 1-14-5 (OL 1)

CEILING VERSUS VISIBILITY

STATION FM 1-14-5 (OL 1) DATE 57-60 YEARS 4 MONTH 0
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS) 4400-0500

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .02	≥ 0
NO CEILING ≥ 20000	54.4	54.8	54.8	55.1	55.2	55.2	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.6	55.6	55.7
18000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
16000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
14000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
12000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
10000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
8000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
6000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
4000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
2000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
1000	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
500	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
200	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
100	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5
0	57.6	57.6	57.6	57.8	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.4	58.4	58.5

TOTAL NUMBER OF OBSERVATIONS 4400

ATA PROCESSING DIVISION
 3040 ETAC
 100 EAST LEXINGTON AVE

CEILING VERSUS VISIBILITY

STATION NAME: STATION NAME DATE: 27-68 YEARS: 1 MONTH: 1

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	46.3	47.5	47.5	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
≥ 18000	51.3	52.0	52.2	52.3	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
≥ 16000	51.4	52.2	52.3	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.8	52.9	53.0
≥ 14000	53.0	53.8	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.3	54.3	54.3	54.4	54.5	54.6
≥ 12000	54.6	55.1	55.2	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.7	55.7	55.7	55.8	55.9	56.1
≥ 10000	61.3	62.3	62.5	62.6	62.6	62.6	62.9	63.0	63.0	63.0	63.2	63.2	63.3	63.4	63.5	63.5
≥ 9000	64.6	66.0	66.3	66.7	66.7	66.8	66.9	67.1	67.1	67.1	67.3	67.3	67.4	67.5	67.7	67.7
≥ 8000	67.7	69.4	69.9	70.2	70.3	70.4	70.6	71.0	71.0	71.1	71.3	71.3	71.4	71.5	71.7	71.7
≥ 7000	70.9	72.7	73.2	73.6	74.3	74.6	74.8	75.2	75.2	75.4	75.6	75.6	75.7	75.8	76.0	76.0
≥ 6000	71.0	73.4	74.0	74.5	75.1	75.4	75.6	76.0	76.0	76.2	76.5	76.5	76.6	76.7	76.9	76.9
≥ 5000	73.3	75.3	75.8	76.5	77.1	77.6	78.0	78.6	78.6	78.8	79.0	79.3	79.3	79.4	79.5	79.5
≥ 4500	73.4	75.6	76.3	77.0	77.6	78.2	78.6	79.2	79.2	79.5	79.7	79.7	79.8	79.9	80.1	80.1
≥ 4000	74.9	77.5	78.2	78.8	79.7	80.4	81.0	81.7	81.7	81.9	82.2	82.2	82.3	82.4	82.6	82.6
≥ 3500	76.0	79.1	80.0	80.8	81.9	82.7	83.2	84.0	84.0	84.2	84.4	84.4	84.5	84.6	84.8	84.8
≥ 3000	78.7	81.2	82.0	82.8	84.1	84.8	85.5	86.5	86.5	86.7	86.9	86.9	87.0	87.1	87.3	87.3
≥ 2500	79.6	82.5	83.4	84.2	85.5	86.3	87.1	88.3	88.3	88.6	88.9	88.9	89.0	89.1	89.4	89.4
≥ 2000	80.0	83.9	84.8	85.6	87.0	88.0	88.7	90.0	90.0	91.5	92.0	92.0	92.3	92.3	92.5	92.6
≥ 1800	81.3	84.5	85.5	86.2	87.6	88.6	89.4	90.8	90.8	92.3	93.0	93.0	93.2	93.3	93.5	93.5
≥ 1500	82.1	85.0	86.2	86.1	89.5	90.4	91.4	92.8	92.8	94.8	95.8	95.8	96.0	96.1	96.3	96.3
≥ 1200	82.8	86.1	87.3	88.7	89.7	90.6	91.7	93.2	93.2	95.3	96.5	96.5	96.7	96.8	97.0	97.0
≥ 1000	83.4	86.9	88.2	89.0	90.6	91.6	92.7	94.2	94.2	96.5	97.6	97.6	97.8	97.9	98.2	98.2
≥ 900	83.5	87.0	88.3	89.1	90.9	91.9	93.0	94.5	94.5	96.9	98.1	98.1	98.3	98.4	98.8	98.8
≥ 800	83.6	87.2	88.5	89.4	91.1	92.2	93.2	94.7	94.7	97.1	98.3	98.4	98.6	98.7	98.9	98.9
≥ 700	83.9	87.3	88.6	89.5	91.2	92.3	93.3	94.8	94.8	97.2	98.4	98.6	98.9	99.0	99.2	99.2
≥ 600	83.9	87.3	88.6	89.5	91.2	92.3	93.3	94.8	94.8	97.2	98.7	98.9	99.2	99.4	99.5	99.6
≥ 500	83.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
≥ 400	83.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
≥ 300	83.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
≥ 200	83.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
≥ 100	83.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	99.8
≥ 0	83.9	87.4	88.7	89.6	91.3	92.4	93.4	94.9	94.9	97.4	98.9	99.1	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 910

ATA PERMISSION DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME PORT HERSH CO/MSK DIST APT 57-60 YEARS 65

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

STATION NUMBER 4404-1100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .4	≥ .3	≥ .25
NO CEILING	10.5	43.9	49.0	49.1	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
≥ 20000	54.6	54.3	54.5	54.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IVM 18000	55.4	54.4	54.6	54.9	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
IVM 16000	56.0	54.5	54.7	55.1	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
IVM 14000	55.6	56.1	56.3	56.7	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IVM 12000	57.0	58.2	58.4	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
IVM 10000	62.7	63.5	63.9	64.3	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
IVM 9000	66.1	67.4	67.8	68.3	68.7	68.8	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
IVM 8000	69.7	71.4	72.0	72.9	73.3	73.4	74.1	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6
IVM 7000	72.7	73.3	76.1	77.0	77.5	77.6	78.4	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IVM 6000	72.9	75.5	76.3	77.2	77.7	77.8	78.6	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IVM 5000	74.2	75.9	77.8	78.8	79.4	79.7	80.6	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6
IVM 4500	74.7	77.4	78.5	79.5	80.0	80.3	81.3	81.9	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3
IVM 4000	76.1	79.1	80.4	81.3	81.8	82.2	83.1	83.8	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IVM 3500	77.1	80.4	81.9	83.0	83.7	84.0	84.9	85.6	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IVM 3000	78.7	82.2	83.9	84.9	85.8	85.1	87.2	87.3	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3
IVM 2500	79.9	83.7	85.4	86.5	87.4	87.7	88.9	89.8	89.8	90.4	90.5	90.5	90.5	90.5	90.5	90.5
IVM 2000	80.8	84.9	87.0	88.3	89.7	90.1	91.4	92.5	92.5	93.4	93.7	93.7	93.7	93.7	93.7	93.7
IVM 1800	81.8	85.1	88.3	89.7	91.4	91.9	93.4	94.5	94.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7
IVM 1500	82.4	86.8	88.9	90.4	92.3	93.0	94.5	95.6	95.6	97.0	97.6	97.6	97.6	97.6	97.6	97.6
IVM 1200	82.9	87.4	89.7	91.2	93.0	93.8	95.3	96.3	96.3	98.0	98.9	98.9	98.9	98.9	98.9	98.9
IVM 1000	83.0	87.5	89.8	91.3	93.1	93.9	95.4	96.5	96.5	98.1	99.1	99.1	99.2	99.2	99.2	99.2
IVM 900	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.2	99.2	99.4	99.5	99.5	99.5	99.5
IVM 800	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IVM 700	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IVM 600	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IVM 500	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IVM 400	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IVM 300	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IVM 200	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IVM 100	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6
IVM 0	83.1	87.6	89.9	91.4	93.2	94.0	95.5	96.6	96.6	98.3	99.4	99.5	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 910

DATA PREPARED BY DIVISION
DATE: 12-1-66
BY: [illegible]

CEILING VERSUS VISIBILITY

STATION: POINT MILES PL/MISSA DUT APT YEAR: 1966 MONTH: 12-01-1966

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING	53.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 20000	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2	1.2
≥ 18000	1.3	1.7	2.0	2.0	2.0	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
≥ 16000	1.6	2.0	2.4	2.4	2.4	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
≥ 14000	2.7	3.1	3.4	3.4	3.4	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5	3.5
≥ 12000	4.2	4.6	4.9	4.9	4.9	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1	5.1
≥ 10000	8.8	9.4	9.7	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
≥ 9000	71.4	72.5	72.8	72.8	72.8	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
≥ 8000	75.8	76.5	76.8	76.8	76.8	77.0	77.4	77.5	77.5	77.8	77.8	77.8	77.8	77.8	77.8
≥ 7000	77.5	78.4	78.7	78.8	79.0	79.1	79.6	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1
≥ 6000	78.0	78.6	79.1	79.2	79.5	79.6	80.0	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5
≥ 5000	79.2	80.1	80.5	80.6	80.9	81.0	81.4	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9
≥ 4500	79.4	80.2	80.6	80.8	81.0	81.1	81.5	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0
≥ 4000	80.8	81.8	82.3	82.4	82.6	82.8	83.2	83.4	83.4	83.8	83.9	83.9	83.9	83.9	83.9
≥ 3500	81.5	82.9	83.4	83.8	84.0	84.3	84.7	85.1	85.1	85.4	86.0	86.0	86.0	86.0	86.0
≥ 3000	83.4	85.2	85.8	86.5	86.8	87.3	87.8	88.4	88.6	89.0	89.7	89.7	89.7	89.7	89.7
≥ 2500	84.9	86.8	87.4	88.1	88.5	89.1	89.8	90.3	90.3	91.2	92.0	92.0	92.0	92.0	92.0
≥ 2000	86.2	88.4	89.0	90.0	90.5	91.3	92.0	92.7	92.7	93.5	94.6	94.6	94.6	94.6	94.6
≥ 1800	86.7	88.9	89.7	90.6	91.2	91.9	93.0	93.7	93.7	94.5	95.8	95.8	95.8	95.8	95.8
≥ 1500	88.3	90.8	91.6	92.6	93.2	94.1	95.3	95.9	95.9	96.9	98.2	98.2	98.2	98.2	98.2
≥ 1200	88.5	91.1	91.9	92.9	93.5	94.4	95.6	96.3	96.3	97.4	98.7	98.7	98.7	98.7	98.7
≥ 1000	88.6	91.3	92.2	93.1	93.8	94.7	95.9	96.7	96.7	97.8	99.6	99.6	99.6	99.6	99.6
≥ 900	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 800	88.9	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 700	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 600	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 500	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 400	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 300	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 200	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 100	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8
≥ 0	88.8	91.3	92.2	93.1	93.8	94.7	95.9	96.8	96.8	98.0	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 940

ATA PROCESSING DIVISION
SAF ETAC
UNITED STATES SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 25213 5011 WHEELS EC/ WISK UNIT APT 57-66 YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1500-1700
HOURS (LST)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
≥ 25000	52.4	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
≥ 18000	51.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
≥ 16000	51.4	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
≥ 14000	52.8	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
≥ 12000	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	58.6	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
≥ 9000	71.0	71.8	71.9	71.9	72.0	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 8000	75.8	76.8	77.0	77.0	77.1	77.3	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
≥ 7000	77.8	78.9	79.0	79.0	79.1	79.4	79.4	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
≥ 6000	78.4	79.5	79.6	79.6	79.7	79.9	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
≥ 5000	80.3	81.4	81.5	81.5	81.6	81.8	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
≥ 4500	81.0	82.0	82.2	82.3	82.4	82.6	82.8	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	84.0	85.2	85.3	85.5	85.6	85.8	86.0	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
≥ 3500	85.5	86.8	86.9	87.0	87.1	87.2	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
≥ 3000	87.3	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
≥ 2500	90.2	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
≥ 2000	92.2	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
≥ 1800	94.2	95.4	95.5	95.6	95.7	95.8	95.9	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
≥ 1500	96.2	97.4	97.5	97.6	97.7	97.8	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
≥ 1200	98.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 1000	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 900	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 800	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 700	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 600	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 500	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	99.2	99.4	99.5	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

DATA PROCESSING DIVISION
USAF ETAC
METEOROLOGICAL SERVICE/AF

CEILING VERSUS VISIBILITY

STATION NAME RENT MCLIN BC/HUSKAR OUT APT 37-66 YEARS AK
STATION VALUE MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-00-2000

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	54.1	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7
≥ 18000	54.8	59.2	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7
≥ 16000	59.6	59.5	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.9	59.9	59.9	59.9	59.9	59.9	59.9
≥ 14000	60.4	61.0	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
≥ 12000	64.5	65.1	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5
≥ 10000	67.5	68.3	68.4	68.5	68.6	68.6	68.8	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
≥ 9000	70.0	71.0	71.1	71.3	71.4	71.4	71.6	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9
≥ 8000	73.8	74.7	75.1	75.4	75.6	75.6	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
≥ 7000	76.4	77.5	77.8	78.4	78.7	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
≥ 6000	77.0	78.2	78.5	79.0	79.5	79.5	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 5000	79.0	80.2	80.5	81.1	81.5	81.5	81.8	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
≥ 4500	80.0	81.2	81.5	82.0	82.5	82.5	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
≥ 4000	81.8	83.1	83.7	84.2	84.6	84.6	85.1	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5
≥ 3500	82.8	84.3	84.9	85.5	85.9	85.9	86.3	86.7	86.7	87.3	87.4	87.4	87.4	87.4	87.4	87.4
≥ 3000	84.1	85.6	86.5	87.0	87.4	87.5	88.3	88.6	88.6	89.2	89.4	89.4	89.4	89.4	89.4	89.4
≥ 2500	86.0	88.1	89.1	90.0	90.8	90.9	91.7	92.2	92.2	92.8	92.9	92.9	92.9	92.9	92.9	92.9
≥ 2000	87.0	89.5	90.8	91.8	92.7	92.8	93.8	94.4	94.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6
≥ 1800	87.5	90.2	91.5	92.6	93.4	93.5	94.3	95.2	95.4	96.3	96.6	96.6	96.6	96.6	96.6	96.6
≥ 1500	87.6	90.4	91.9	93.2	94.2	94.3	95.4	96.1	96.3	97.7	98.2	98.3	98.3	98.3	98.3	98.3
≥ 1200	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.1	99.1	99.2	99.2	99.2	99.2	99.2
≥ 1000	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.5	99.6	99.6	99.7	99.7	99.7
≥ 900	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.5	99.6	99.6	99.7	99.7	99.7
≥ 800	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.5	99.6	99.6	99.7	99.7	99.7
≥ 700	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 600	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 500	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 400	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 300	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 200	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 100	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8
≥ 0	87.6	90.4	92.2	93.4	94.4	94.5	95.6	96.3	96.6	98.2	99.7	99.8	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

STATION NO. 25218 STATION NAME FORT NELSON EC, ALASKA UNIT AWT

37m66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
3000 IL (10)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .125	≥ .0625	≥ 0
NO CEILING ≥ 20000	7.3	57.5	58.0	56.1	58.1	58.1	58.1	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.4
IV 18000	9.2	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5
IV 16000	9.2	59.7	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.5
IV 14000	60.0	60.4	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.4
IV 12000	62.0	62.5	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.4
IV 10000	66.0	66.6	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.6	67.7
IV 9000	68.0	68.5	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.6	69.6	69.6	69.6	69.6	69.7
IV 8000	70.2	71.2	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.6
IV 7000	73.0	74.2	75.7	76.5	76.7	76.7	76.7	76.7	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.1
IV 6000	75.8	75.1	76.6	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.8	77.8	77.8	77.8	77.8	78.0
IV 5000	76.3	77.0	79.2	80.0	80.2	80.2	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.6
IV 4500	77.1	78.5	80.2	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.5	81.5	81.5	81.5	81.5	81.6
IV 4000	79.2	80.8	82.5	83.2	83.4	83.4	83.4	83.4	83.4	83.4	84.0	84.1	84.1	84.1	84.1	84.2
IV 3500	80.4	82.2	83.9	84.6	85.1	85.1	85.4	85.4	85.4	85.4	86.0	86.2	86.2	86.2	86.2	86.3
IV 3000	81.8	84.1	85.8	86.8	87.3	87.5	87.8	88.1	88.1	88.1	88.8	89.2	89.2	89.2	89.2	89.4
IV 2500	84.1	85.5	88.2	89.1	89.7	89.9	90.3	90.5	90.6	90.6	91.6	92.3	92.3	92.3	92.3	92.4
IV 2000	85.9	88.6	90.3	91.5	92.4	92.5	92.9	93.4	93.4	93.4	94.7	95.6	95.6	95.6	95.6	95.7
IV 1800	86.7	89.4	91.1	92.3	93.1	93.3	93.9	94.5	94.5	94.5	95.9	96.9	96.9	96.9	96.9	97.0
IV 1500	87.2	89.9	91.6	92.9	94.1	94.3	94.9	95.6	95.6	95.6	97.3	98.6	98.6	98.6	98.7	98.8
IV 1200	87.4	90.2	91.9	93.2	94.4	94.6	95.3	96.0	96.0	96.0	97.8	99.1	99.1	99.1	99.2	99.4
IV 1000	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 900	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 800	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 700	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 600	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 500	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 400	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 300	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 200	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 100	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7
IV 0	87.5	90.3	92.0	93.3	94.5	94.7	95.4	96.1	96.1	96.1	98.1	99.5	99.5	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 230

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION PORT WILSON PC/USK-4 DOT APT 57-66 APK
MONTH 0000-0200
HOURS (L.T.)

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	55.9	55.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.6
≥ 20000	56.1	58.2	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.8
IV 18000	58.1	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.8
IV 16000	58.3	58.4	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	59.0
IV 14000	59.9	60.0	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.6
IV 12000	61.9	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.6
IV 10000	67.9	68.0	68.4	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.9
IV 9000	70.8	70.9	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.8
IV 8000	74.2	74.4	74.9	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.4
IV 7000	77.3	77.6	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.8
IV 6000	78.6	79.0	79.4	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0
IV 5000	81.3	81.8	82.4	82.7	82.8	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.6
IV 4500	82.4	82.9	83.7	83.9	84.2	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.9
IV 4000	83.8	84.3	85.2	85.4	85.8	86.2	86.4	86.4	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.8
IV 3500	85.3	85.9	86.9	87.1	87.6	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.6
IV 3000	86.2	86.8	87.9	88.1	88.6	89.2	89.6	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	90.0
IV 2500	87.0	87.1	87.3	87.7	88.2	88.7	89.1	89.4	89.6	89.8	89.9	90.0	90.0	90.0	90.0	90.2
IV 2000	88.8	89.3	90.6	90.9	91.8	92.6	93.1	93.8	94.0	94.3	94.4	94.4	94.4	94.4	94.4	94.7
IV 1800	89.8	90.3	91.6	92.0	92.9	93.7	94.2	95.0	95.2	95.6	96.1	96.1	96.1	96.1	96.1	96.3
IV 1200	90.3	90.9	92.1	92.7	93.6	94.3	94.9	95.7	95.9	96.2	97.1	97.2	97.2	97.2	97.2	97.4
IV 1000	91.0	91.6	92.8	93.3	94.2	95.0	95.6	96.4	96.7	97.1	98.0	98.2	98.2	98.2	98.2	98.4
IV 900	91.2	91.8	93.0	93.6	94.4	95.2	95.8	96.7	96.9	97.3	98.3	98.7	98.7	98.8	98.8	99.0
IV 800	91.2	91.8	93.0	93.6	94.4	95.2	95.8	96.7	96.9	97.3	98.4	98.8	98.9	99.0	99.0	99.2
IV 700	91.2	91.8	93.0	93.6	94.4	95.2	95.8	96.7	96.9	97.3	98.4	98.8	98.9	99.0	99.0	99.2
IV 600	91.2	91.8	93.0	93.6	94.4	95.2	95.8	96.7	96.9	97.3	98.4	98.8	98.9	99.0	99.0	99.2
IV 500	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.3	99.4	99.9
IV 400	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.3	99.4	99.9
IV 300	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.3	99.4	99.9
IV 200	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.3	99.4	99.9
IV 100	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.3	99.4	99.9
IV 0	91.4	92.1	93.3	94.0	94.9	95.7	96.2	97.1	97.3	97.8	98.9	99.2	99.3	99.3	99.4	99.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
NAF ETAC
111 EAST 1ST AVENUE/100

CEILING VERSUS VISIBILITY

STATION NAME: PORT LUSK-C/USK-AUT APT

STATION NUMBER: 57-66

YEARS: _____

MONTH: _____

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

DATE: 01-09-0900

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	51.0	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.9	51.9	52.0	52.0	52.0	52.0	52.1
IV 18000	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.4
IV 16000	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.4
IV 14000	56.2	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.6	56.7	56.7	56.7	56.7	56.8
IV 12000	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.9	57.9	57.9	57.9	58.0
IV 10000	63.5	64.1	64.1	64.1	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5
IV 9000	68.0	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.9
IV 8000	70.4	70.7	70.7	70.7	70.9	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.3	71.3	71.4	71.4
IV 7000	74.3	74.6	74.6	74.6	74.9	74.9	74.9	75.0	75.0	75.1	75.1	75.2	75.3	75.3	75.4	75.6
IV 6000	75.0	75.2	75.2	75.2	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.9	76.0	76.0	76.1	76.2
IV 5000	77.8	78.0	78.0	78.0	78.3	78.3	78.3	78.4	78.4	78.6	78.6	78.7	78.8	78.8	78.9	79.0
IV 4500	79.0	79.3	79.3	79.3	79.7	79.7	79.7	79.8	79.8	79.9	79.9	80.0	80.1	80.1	80.2	80.3
IV 4000	81.2	81.8	82.1	82.2	82.9	82.9	83.0	83.1	83.1	83.2	83.2	83.3	83.4	83.4	83.5	83.7
IV 3500	82.7	83.2	83.7	83.6	84.6	84.6	84.8	84.9	84.9	85.0	85.0	85.1	85.2	85.2	85.3	85.4
IV 3000	84.9	85.6	86.0	86.1	86.9	86.9	87.2	87.3	87.3	87.4	87.4	87.6	87.7	87.8	87.9	88.0
IV 2500	86.0	86.7	87.2	87.4	88.3	88.3	88.8	89.2	89.3	89.4	89.4	89.6	89.7	89.8	89.9	90.0
IV 2000	87.4	88.1	88.7	88.9	89.8	89.8	90.4	91.1	91.2	91.7	91.7	91.8	91.9	92.0	92.1	92.2
IV 1800	87.7	88.4	89.1	89.3	90.2	90.2	90.9	91.7	91.8	92.2	92.3	92.4	92.6	92.7	92.8	92.9
IV 1500	88.6	89.6	90.2	90.4	91.6	91.6	92.2	93.1	93.1	93.8	94.4	94.6	94.7	94.8	94.9	95.0
IV 1200	89.0	90.7	91.3	91.5	92.7	92.7	93.3	94.1	94.2	95.2	96.0	96.1	96.2	96.3	96.4	96.6
IV 1000	89.9	91.0	91.7	91.9	93.0	93.0	93.7	94.4	94.6	95.7	96.5	96.7	96.8	96.9	97.0	97.1
IV 900	90.2	91.3	92.0	92.2	93.3	93.3	94.0	94.4	94.9	96.0	96.0	97.0	97.1	97.2	97.3	97.4
IV 800	90.2	91.3	92.0	92.2	93.3	93.3	94.0	94.4	94.9	96.0	96.0	97.0	97.1	97.2	97.3	97.4
IV 700	90.4	91.7	92.3	92.5	93.9	93.9	94.6	95.4	95.6	96.3	96.4	97.0	97.3	97.9	98.1	98.3
IV 600	91.0	92.2	92.9	93.3	94.4	94.4	95.1	96.0	96.1	96.4	96.6	97.3	97.9	98.1	98.2	98.3
IV 500	91.0	92.4	93.1	93.6	94.7	94.8	95.4	96.3	96.4	97.0	97.3	98.0	98.7	98.8	99.0	99.3
IV 400	91.1	92.6	93.2	93.7	94.8	94.9	95.6	96.4	96.6	97.3	97.7	98.7	98.8	98.9	99.1	99.4
IV 300	91.2	92.8	93.4	93.9	95.0	95.1	95.8	96.7	96.8	97.9	98.9	99.0	99.1	99.2	99.3	99.8
IV 200	91.3	92.9	93.6	94.0	95.1	95.2	95.9	96.8	96.9	98.0	99.0	99.1	99.2	99.4	99.5	99.9
IV 100	91.3	92.9	93.6	94.0	95.1	95.2	95.9	96.8	96.9	98.0	99.0	99.1	99.2	99.4	99.5	99.9
IV 0	91.3	92.9	93.6	94.0	95.1	95.2	95.9	96.8	96.9	98.0	99.0	99.1	99.2	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 900

DATA PROCESSING DIVISION
SAF ETAC
CIP WEATHER SERVICE/AL

CEILING VERSUS VISIBILITY

25214 STATION NO. 60/ALASKA OUT APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0.00-0.00

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	52.4	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
≥ 16000	53.0	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
≥ 14000	54.1	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 12000	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
≥ 10000	61.4	61.7	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
≥ 9000	66.2	66.4	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
≥ 8000	69.6	69.6	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
≥ 7000	72.3	72.7	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
≥ 6000	72.8	73.1	73.3	73.3	73.3	73.3	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
≥ 5000	76.7	75.0	75.2	75.2	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 4500	76.2	75.6	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.4	77.4	77.4	77.7	77.7	77.7
≥ 4000	79.6	80.3	80.7	80.7	80.8	80.9	81.0	81.1	81.1	81.1	81.4	81.4	81.7	81.7	81.7	81.7
≥ 3500	80.4	81.2	81.6	81.6	81.7	81.9	82.0	82.1	82.1	82.2	82.7	82.7	82.9	82.9	82.9	82.9
≥ 3000	83.2	84.2	84.6	84.7	84.8	85.0	85.3	85.4	85.4	85.6	86.0	86.0	86.2	86.2	86.2	86.2
≥ 2500	84.6	85.7	86.0	86.1	86.4	86.7	87.0	87.1	87.2	87.3	88.0	88.0	88.2	88.2	88.2	88.2
≥ 2000	87.7	87.0	87.3	87.5	88.1	88.3	89.1	89.2	89.3	89.4	90.1	90.1	90.3	90.3	90.3	90.3
≥ 1800	87.1	87.3	87.7	87.9	88.4	88.7	89.4	89.7	89.8	90.1	90.8	90.8	91.0	91.0	91.0	91.0
≥ 1500	89.1	89.9	90.3	90.7	91.2	91.4	92.2	92.4	92.6	93.6	94.8	94.8	95.0	95.0	95.0	95.0
≥ 1200	91.1	90.9	91.3	91.7	92.3	92.6	93.3	93.6	93.7	94.8	96.2	96.2	96.6	96.7	96.7	96.7
≥ 1000	91.3	91.1	91.6	91.9	92.6	92.8	93.6	93.8	93.9	95.1	96.6	96.6	97.0	97.1	97.1	97.1
≥ 900	91.6	91.7	92.1	92.4	93.2	93.4	94.4	94.7	94.8	96.0	97.6	97.6	98.0	98.1	98.1	98.1
≥ 800	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4
≥ 700	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4
≥ 600	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4
≥ 500	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4
≥ 400	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4
≥ 300	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4
≥ 200	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4
≥ 100	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4
≥ 0	91.9	91.9	92.3	92.7	93.4	93.7	94.4	94.9	95.0	96.3	97.9	97.9	98.3	98.4	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 500

ATO PROCESSING DIVISION
SAF ETAC
MINI-REACTOR SERVICE/ IAC

CEILING VERSUS VISIBILITY

STATION PORT HURON, MI / HUNTER APT 57-66 1964

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100% - 100%

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .3	≥ .1	≥ .05	≥ .03	≥ .01	≥ .005
NO CEILING	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 2000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1800	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1600	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1400	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1200	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1000	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 900	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 800	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 700	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 600	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 500	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 400	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 300	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 200	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 100	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 50	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 25	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 10	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 2.5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1.5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ 1	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ .5	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ .3	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ .1	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ .05	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ .03	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ .01	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
≥ .005	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0

TOTAL NUMBER OF OBSERVATIONS 200

USAF ETAC FORM 0 14 5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

ATC P2-151-1 (1/1/1) A
 151-151-1
 151-151-1

CEILING VERSUS VISIBILITY

STATION NAME: 151-151-1 DATE: 17-66 YEARS: 1966 MONTH: 17-66

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .3	≥ .15	≥ 0	
NO CEILING	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
IV 25000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 18000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
IV 16000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
IV 14000	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 12000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
IV 10000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
IV 9000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 8000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 7000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
IV 6000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
IV 5000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4500	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
IV 4000	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
IV 3500	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
IV 3000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
IV 2500	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
IV 2000	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
IV 1800	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV 1600	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1400	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
IV 1200	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 900	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 800	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IV 700	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 600	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 500	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
IV 400	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 300	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IV 200	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 100	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3

TOTAL NUMBER OF OBSERVATIONS: 700

DATA FOR CEILING VISIBILITY
 STATION NAME
 DATE

CEILING VERSUS VISIBILITY

STATION NAME: 07-00 YEARS: MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-1000-1-1000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .5	≥ .25	≥ .1	≥ .05	≥ .025	≥ .01	≥ 0
NO CEILING	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
≥ 2000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
18000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
16000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
14000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
12000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
10000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
8000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
7000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
6000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
5000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
4500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
4000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
3500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
3000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
2500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
2000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
1800	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
1500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
1200	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
1000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
800	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
700	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
600	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
500	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
400	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
300	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
200	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
100	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
0	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 AFM 7-100
 100-100-100-100

CEILING VERSUS VISIBILITY

STATION PORT ST. LOUIS, MISSOURI 57-66 YEARS 11 MONTH 2100-2400
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 20000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 18000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 16000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 14000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 12000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 10000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 8000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 7000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 6000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 5000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 4500	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 4000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 3500	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 3000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 2500	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 2000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1800	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1500	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1200	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 1000	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 900	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 800	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 700	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 600	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 500	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 400	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 300	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 200	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 100	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
≥ 0	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7

TOTAL NUMBER OF OBSERVATIONS 900

ATA PROCESSING DIVISION
USAF ETAC
AIR FATER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: STATION NAME DATE: 57-66 YEAR: 1966 MONTH: 10 DAY: 10
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-0400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .5	≥ .58	≥ .5	≥ .56	≥ .5	≥ 0
NO CEILING	50.6	50.6	50.9	50.9	51.0	51.0	51.2	51.2	51.3	51.4	51.4	51.4	51.5	51.5	51.6	51.4
≥ 20000	52.7	52.8	52.8	52.6	52.9	52.9	53.1	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.5	53.5
≥ 18000	52.7	52.8	52.9	52.9	53.0	53.0	53.2	53.3	53.3	53.4	53.4	53.4	53.5	53.5	53.7	53.7
≥ 16000	52.8	52.9	53.0	53.0	53.1	53.1	53.3	53.4	53.4	53.5	53.5	53.7	53.8	53.8	53.9	53.9
≥ 14000	53.9	54.0	54.1	54.1	54.2	54.2	54.4	54.5	54.5	54.6	54.6	54.7	54.8	54.8	54.9	54.9
≥ 12000	55.8	55.9	56.0	56.0	56.1	56.1	56.4	56.5	56.5	56.6	56.6	56.7	56.8	56.8	56.9	56.9
≥ 10000	60.6	60.9	61.0	61.0	61.1	61.1	61.3	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.8	61.8
≥ 9000	64.4	64.9	65.1	65.1	65.2	65.2	65.4	65.5	65.5	65.6	65.6	65.7	65.8	65.8	65.9	65.9
≥ 8000	68.3	68.4	68.5	68.5	68.6	68.6	68.8	68.9	68.9	69.0	69.0	69.1	69.2	69.2	69.4	69.4
≥ 7000	73.5	73.7	73.8	73.8	74.9	73.9	74.1	74.2	74.2	74.3	74.3	74.4	74.5	74.5	74.6	74.6
≥ 6000	75.3	75.6	75.7	75.7	76.0	76.0	76.2	76.3	76.3	76.5	76.5	76.6	76.7	76.7	76.8	76.8
≥ 5000	78.1	78.4	78.5	78.5	78.8	78.8	79.0	79.1	79.1	79.2	79.2	79.4	79.6	79.6	79.7	79.7
≥ 4500	79.2	79.6	79.7	79.7	80.1	80.1	80.3	80.4	80.4	80.5	80.5	80.6	80.9	80.9	81.0	81.0
≥ 4000	81.1	81.4	81.5	81.5	81.9	81.9	82.2	82.3	82.3	82.4	82.4	82.5	82.7	82.7	82.9	82.9
≥ 3500	83.0	83.3	83.4	83.4	83.9	83.9	84.1	84.2	84.2	84.3	84.3	84.4	84.6	84.6	84.8	84.8
≥ 3000	85.4	85.7	85.8	86.0	86.7	86.7	86.9	87.0	87.0	87.1	87.1	87.2	87.4	87.4	87.6	87.6
≥ 2500	87.2	87.6	87.8	88.1	88.7	88.7	89.0	89.1	89.1	89.2	89.2	89.4	89.6	89.6	89.8	89.8
≥ 2000	89.0	89.6	89.9	90.1	90.3	90.3	91.2	91.4	91.5	91.6	91.6	91.7	91.9	91.9	92.2	92.2
≥ 1800	89.7	90.2	90.5	90.8	91.4	91.4	91.9	92.2	92.3	92.4	92.4	92.5	92.7	92.7	92.9	92.9
≥ 1500	91.1	92.2	92.5	92.7	93.3	93.3	94.0	94.3	94.4	94.7	94.7	94.8	95.1	95.1	95.3	95.3
≥ 1200	92.3	93.7	94.0	94.3	95.2	95.2	95.9	96.3	96.5	96.9	97.0	97.1	97.3	97.3	97.5	97.5
≥ 1000	92.9	94.3	94.6	94.9	95.9	95.9	96.7	97.1	97.2	97.7	98.0	98.1	98.3	98.3	98.5	98.5
≥ 900	93.2	94.6	94.9	95.3	96.2	96.2	97.0	97.4	97.5	98.1	98.4	98.5	98.7	98.7	98.9	98.9
≥ 800	94.4	94.8	95.3	95.6	96.7	96.7	97.4	97.8	98.0	98.5	98.8	98.9	99.1	99.1	99.4	99.4
≥ 700	95.3	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
≥ 600	95.5	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
≥ 500	94.5	94.9	95.4	95.7	96.8	96.8	97.5	98.0	98.1	98.6	99.0	99.1	99.4	99.4	99.6	99.6
≥ 400	93.7	95.1	95.5	95.8	96.9	96.9	97.7	98.2	98.3	98.8	99.2	99.4	99.6	99.6	99.8	99.8
≥ 300	93.7	95.1	95.5	95.8	97.0	97.0	97.8	98.4	98.5	99.0	99.5	99.6	99.8	99.8	100.0	100.0
≥ 200	93.7	95.1	95.5	95.8	97.0	97.0	97.8	98.4	98.5	99.0	99.5	99.6	99.8	99.8	100.0	100.0
≥ 100	93.7	95.1	95.5	95.8	97.0	97.0	97.8	98.4	98.5	99.0	99.5	99.6	99.8	99.8	100.0	100.0
≥ 0	93.7	95.1	95.5	95.8	97.0	97.0	97.8	98.4	98.5	99.0	99.5	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7.0

25214 100T 201500 LC/100K00 100T API 57-60 AY
STATION NAME STATION NAME YEARS MONTH

~~0-2000-0500~~

CEILING FEET		VISIBILITY - STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING		43.1	43.1	43.3	43.3	43.4	43.4	43.5	43.5	43.5	43.7	43.7	43.7	44.2	44.3	44.8	44.8
IV	25000	47.2	47.2	47.4	47.4	47.5	47.5	47.6	47.6	47.6	47.7	47.8	47.8	48.4	48.5	48.9	49.0
IV	18000	47.2	47.2	47.4	47.4	47.5	47.5	47.6	47.6	47.6	47.7	47.8	47.8	48.4	48.5	48.9	49.0
IV	16000	47.4	47.4	47.6	47.6	47.7	47.7	47.8	47.8	47.8	48.0	48.1	48.1	48.6	48.7	49.1	49.2
IV	14000	48.0	48.0	48.2	48.2	48.3	48.3	48.4	48.4	48.4	48.5	48.6	48.6	49.1	49.2	49.7	50.0
IV	12000	51.1	51.1	51.3	51.3	51.4	51.4	51.5	51.5	51.5	51.6	51.7	51.7	52.3	52.4	52.8	53.1
IV	10000	56.0	56.0	56.2	56.2	56.3	56.3	56.4	56.4	56.4	56.5	56.6	56.6	57.8	58.0	58.4	58.8
IV	9000	61.2	61.2	61.4	61.4	61.5	61.5	61.6	61.6	61.6	61.7	61.8	61.8	62.6	62.7	63.2	63.7
IV	8000	66.7	66.7	66.9	66.9	67.0	67.0	67.1	67.1	67.1	67.2	67.3	67.3	68.1	68.2	68.7	69.1
IV	7000	71.1	71.1	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.6	71.7	71.7	72.5	72.6	73.1	73.5
IV	6000	72.7	72.7	72.9	72.9	73.0	73.0	73.1	73.1	73.1	73.2	73.3	73.3	74.1	74.2	74.7	75.4
IV	5000	74.4	74.4	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.9	75.0	75.0	75.8	75.9	76.4	76.9
IV	4500	76.5	76.5	76.7	76.7	76.8	76.8	76.9	76.9	76.9	77.0	77.1	77.1	78.0	78.1	78.7	79.4
IV	4000	79.1	79.2	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.6	80.1	80.1	80.8	80.9	81.5	82.2
IV	3500	81.0	81.0	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.5	81.6	81.6	82.5	82.6	83.2	83.9
IV	3000	84.1	84.1	84.3	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.7	84.7	85.6	85.7	86.3	87.2
IV	2500	87.2	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.7	87.8	87.8	88.7	88.8	89.4	90.1
IV	2000	90.3	90.3	90.5	90.5	90.6	90.6	90.7	90.7	90.7	90.8	90.9	90.9	91.8	91.9	92.5	93.5
IV	1800	91.1	91.1	91.3	91.3	91.4	91.4	91.5	91.5	91.5	91.6	91.7	91.7	92.6	92.7	93.3	94.3
IV	1500	92.4	92.4	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.9	93.0	93.0	93.9	94.0	94.6	95.6
IV	1200	93.7	93.7	93.9	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.3	94.3	95.2	95.3	95.9	96.9
IV	1000	95.0	95.0	95.2	95.2	95.3	95.3	95.4	95.4	95.4	95.5	95.6	95.6	96.5	96.6	97.2	98.2
IV	900	96.3	96.3	96.5	96.5	96.6	96.6	96.7	96.7	96.7	96.8	96.9	96.9	97.8	97.9	98.5	99.5
IV	800	97.6	97.6	97.8	97.8	97.9	97.9	98.0	98.0	98.0	98.1	98.2	98.2	99.0	99.1	99.7	100.7
IV	700	98.9	98.9	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.5	99.5	100.3	100.4	101.0	102.0
IV	600	100.2	100.2	100.4	100.4	100.5	100.5	100.6	100.6	100.6	100.7	100.8	100.8	101.6	101.7	102.3	103.3
IV	500	101.5	101.5	101.7	101.7	101.8	101.8	101.9	101.9	101.9	102.0	102.1	102.1	102.9	103.0	103.6	104.6
IV	400	102.8	102.8	103.0	103.0	103.1	103.1	103.2	103.2	103.2	103.3	103.4	103.4	104.2	104.3	104.9	105.9
IV	300	104.1	104.1	104.3	104.3	104.4	104.4	104.5	104.5	104.5	104.6	104.7	104.7	105.5	105.6	106.2	107.2
IV	200	105.4	105.4	105.6	105.6	105.7	105.7	105.8	105.8	105.8	105.9	106.0	106.0	106.8	106.9	107.5	108.5
IV	100	106.7	106.7	106.9	106.9	107.0	107.0	107.1	107.1	107.1	107.2	107.3	107.3	108.1	108.2	108.8	109.8
IV	0	108.0	108.0	108.2	108.2	108.3	108.3	108.4	108.4	108.4	108.5	108.6	108.6	109.4	109.5	110.1	111.1

TOTAL NUMBER OF OBSERVATIONS 540

ATA PROFESSIONAL DIVISION
USAF ETAC
101 EAST 40th STREET, NYC

CEILING VERSUS VISIBILITY

STATION 25210 NAME WILSON BLVD ALT 57-60 YEARS 1 MONTH 1
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-0400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .125	≥ .0625	≥ 0
NO CEILING	44.0	44.0	44.0	44.0	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.2
≥ 20000	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2
IV 18000	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2
IV 16000	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.4
IV 14000	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3
IV 12000	53.4	53.4	53.4	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7
IV 10000	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5
IV 9000	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4
IV 8000	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.8
IV 7000	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.5
IV 6000	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.1	74.4
IV 5000	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.4	75.6
IV 4500	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.1	76.5
IV 4000	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.8
IV 3500	77.6	77.6	77.6	77.6	77.6	77.6	77.8	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.4	78.7
IV 3000	79.7	79.7	79.7	79.7	79.7	79.7	79.9	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.4	80.9
IV 2500	81.1	81.1	81.1	81.1	81.1	81.1	81.4	81.5	81.5	81.6	81.7	81.7	81.7	81.7	81.9	82.3
IV 2000	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.7	82.7	82.8	82.9	82.9	82.9	82.9	83.1	83.5
IV 1800	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.6	84.0
IV 1600	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.6	83.6	83.7	83.8	83.8	83.8	83.8	84.0	84.4
IV 1400	83.8	83.8	83.8	83.8	83.8	83.8	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.4	84.8
IV 1200	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.8	85.2
IV 1000	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.2	85.6
IV 900	85.0	85.0	85.0	85.0	85.0	85.0	85.1	85.2	85.2	85.3	85.4	85.4	85.4	85.4	85.6	86.0
IV 800	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.6	85.6	85.7	85.8	85.8	85.8	85.8	86.0	86.4
IV 700	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.4	86.8
IV 600	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.4	86.4	86.5	86.6	86.6	86.6	86.6	86.8	87.2
IV 500	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.2	87.6
IV 400	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.2	87.2	87.3	87.4	87.4	87.4	87.4	87.6	88.0
IV 300	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.6	87.6	87.7	87.8	87.8	87.8	87.8	88.0	88.4
IV 200	87.8	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.4	88.8
IV 100	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.4	88.4	88.5	88.6	88.6	88.6	88.6	88.8	89.2
IV 0	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.8	88.8	88.9	89.0	89.0	89.0	89.0	89.2	89.6

TOTAL NUMBER OF OBSERVATIONS 910

DATA PROCESSING DIVISION
USAF ETAC
CIN WEATHER SERVICE/PAC

CEILING VERSUS VISIBILITY

STATION NAME PORT WILSON DC/USMC OUT APT 57-66

YEAR

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-00-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ 0
NO CEILING	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
≥ 20000	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
IV 18000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 16000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
IV 14000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
IV 12000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 10000	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 9000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
IV 8000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 7000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
IV 6000	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
IV 5000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
IV 4500	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 4000	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
IV 3500	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 3000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
IV 2500	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
IV 2000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 1800	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 1500	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 1200	90.6	91.1	91.3	91.3	91.3	91.5	91.7	91.8	91.8	92.3	92.7	92.7	92.7	92.7	92.7
IV 1000	93.4	94.3	94.5	94.5	94.6	94.9	95.3	95.4	95.4	96.3	96.8	96.8	96.8	96.8	96.8
IV 900	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 800	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 700	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 600	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 500	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 400	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 300	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 200	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 100	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
IV 0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
 AFCEC
 AIRCRAFT ENGINEERING

CEILING VERSUS VISIBILITY

STATION NAME: PORT WILSON, SC STATION NUMBER: 57-66 YEARS: 1954-1966 MONTH: 12

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	47.7	37.7	37.8	37.4	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
IV 18000	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
IV 16000	42.6	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
IV 14000	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
IV 12000	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 10000	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
IV 9000	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV 8000	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
IV 7000	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
IV 6000	62.0	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
IV 5000	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
IV 4500	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 4000	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
IV 3500	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 3000	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 2500	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
IV 2000	90.9	90.9	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
IV 1800	92.0	92.0	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
IV 1500	93.7	93.7	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
IV 1200	94.4	94.4	95.4	95.5	95.6	95.7	95.9	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1000	96.2	96.3	96.9	97.1	97.2	97.3	97.5	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 900	96.5	96.6	97.1	97.3	97.4	97.5	97.7	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
IV 800	96.7	96.8	97.4	97.6	97.7	97.8	98.1	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
IV 700	97.0	97.2	97.8	98.1	98.2	98.4	98.6	98.9	98.9	99.2	99.5	99.5	99.5	99.5	99.5	99.5
IV 600	97.2	97.4	98.1	98.3	98.5	98.7	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 500	97.2	97.4	98.1	98.3	98.5	98.7	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 400	97.2	97.4	98.1	98.3	98.5	98.7	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 300	97.2	97.4	98.1	98.3	98.5	98.7	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	97.2	97.4	98.1	98.3	98.5	98.7	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	97.2	97.4	98.1	98.3	98.5	98.7	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	97.2	97.4	98.1	98.3	98.5	98.7	99.0	99.4	99.4	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 910

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

25213
STATION

FORT WELSON BC/HUSK-4 DET APT
STATION NAME

57-66
YEARS

AY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-00-1700
HOURS U.T.

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
IV 18000	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
IV 16000	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 14000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 12000	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
IV 10000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 9000	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
IV 8000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
IV 7000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
IV 6000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 5000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
IV 4500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
IV 4000	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
IV 3500	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
IV 3000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV 2500	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
IV 2000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
IV 1800	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
IV 1500	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 1200	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
IV 1000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
IV 900	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
IV 800	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 700	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 600	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
IV 500	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
IV 400	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 300	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 200	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 100	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IV 0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 710

ATA PROFESSIONAL DIVISION
SAFETY
WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: PORTLAND, ME STATION NUMBER: 57-66 YEARS: AY MONTH: 1-12

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-12-1900

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 25000	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV ≥ 18000	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
IV 16000	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
IV 14000	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 12000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
IV 10000	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
IV 9000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
IV 8000	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 7000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 6000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
IV 5000	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 4500	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
IV 4000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
IV 3500	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
IV 3000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 2500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
IV 2000	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 1800	93.7	93.7	93.7	93.7	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.2	94.2	94.2	94.2	94.2
IV 1500	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9
IV 1200	95.5	95.5	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2
IV 1000	97.0	97.0	97.0	97.0	97.8	97.8	97.8	97.8	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.2
IV 900	97.3	97.3	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.4	98.5	98.5	98.5	98.5	98.5	98.5
IV 800	97.4	97.4	97.4	97.4	98.3	98.3	98.3	98.3	98.3	98.5	98.6	98.6	98.6	98.6	98.6	98.6
IV 700	97.6	97.6	97.6	97.6	98.5	98.5	98.5	98.5	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8
IV 600	97.8	97.8	97.8	97.8	98.7	98.7	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0
IV 500	98.1	98.1	98.1	98.1	98.9	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
IV 400	98.3	98.3	98.3	98.3	99.1	99.1	99.1	99.1	99.1	99.4	99.5	99.5	99.5	99.5	99.5	99.5
IV 300	98.4	98.4	98.4	98.4	99.4	99.4	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 200	98.5	98.5	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	98.6	98.6	98.6	98.6	99.4	99.4	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	98.9	98.9	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 930

DATA PROCESSING DIVISION
334 ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

25210 STATION NAME: FUEL NELSON BC/HUSKWA OUT ART 57-66 YEARS MONTH: 2100-2300
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 18000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 16000	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
≥ 14000	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
≥ 12000	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
≥ 10000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
≥ 9000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
≥ 8000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
≥ 7000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
≥ 6000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
≥ 5000	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
≥ 4500	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
≥ 4000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 3500	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
≥ 3000	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
≥ 2500	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1800	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
≥ 1500	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
≥ 1200	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
≥ 1000	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 900	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
≥ 800	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 700	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
≥ 600	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 400	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 300	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 200	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 100	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 733

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/DAG

CEILING VERSUS VISIBILITY

STATION 20213 FORT WELLS, OK/BUKKA OUT ART 57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
MOON (LST)

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.2	49.2	49.2	49.2	49.2	49.2	49.6	49.6	49.6	49.6	49.6	49.6	49.9	49.9	49.9	50.0
≥ 20000	51.6	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.3	52.3	52.3	52.6	52.6	52.6	52.9
≥ 18000	51.6	51.7	51.7	51.7	51.7	51.7	52.0	52.0	52.0	52.3	52.3	52.3	52.6	52.6	52.6	52.9
≥ 16000	51.7	51.8	51.8	51.8	51.8	51.8	52.1	52.1	52.1	52.4	52.4	52.4	52.6	52.6	52.6	53.0
≥ 14000	51.6	51.9	51.9	51.9	51.9	51.9	52.2	52.2	52.2	52.6	52.6	52.6	52.7	52.7	52.7	53.1
≥ 12000	53.6	53.6	53.6	53.6	53.6	53.6	53.9	53.9	53.9	54.2	54.2	54.2	54.3	54.3	54.3	54.8
IN 10000	60.1	60.2	60.2	60.2	60.2	60.2	60.6	60.6	60.6	60.9	60.9	60.9	61.0	61.0	61.1	61.6
IN 9000	65.3	65.4	65.4	65.4	65.4	65.4	65.8	65.8	65.8	66.1	66.1	66.1	66.2	66.2	66.3	66.8
IN 8000	71.0	71.1	71.1	71.1	71.1	71.1	71.4	71.4	71.4	71.8	71.8	71.8	72.0	72.0	72.2	72.7
IN 7000	75.7	75.8	75.8	75.8	75.8	75.8	76.1	76.1	76.1	76.4	76.4	76.4	76.7	76.7	76.7	77.3
IN 6000	77.4	77.6	77.7	77.7	77.7	77.7	78.0	78.0	78.0	78.3	78.3	78.3	78.6	78.6	78.6	79.2
IN 5000	82.2	82.4	82.6	82.6	82.6	82.6	82.9	82.9	82.9	83.2	83.2	83.2	83.4	83.4	83.4	84.1
IN 4500	86.1	86.2	86.4	86.4	86.4	86.4	86.8	86.8	86.8	87.1	87.1	87.1	87.3	87.3	87.3	88.0
IN 4000	88.6	88.6	88.9	88.9	88.9	88.9	89.3	89.3	89.3	89.7	89.7	89.7	90.0	90.0	90.0	90.6
IN 3500	91.7	92.1	92.4	92.4	92.4	92.4	92.8	92.8	92.8	93.1	93.1	93.1	93.3	93.3	93.3	94.2
IN 3000	93.0	93.4	93.8	93.8	93.8	93.8	94.1	94.1	94.1	94.4	94.4	94.4	94.7	94.7	94.7	95.6
IN 2500	93.9	94.3	94.8	94.8	94.8	94.8	95.1	95.1	95.1	95.4	95.4	95.4	95.7	95.7	95.7	96.6
IN 2000	94.2	94.7	95.1	95.1	95.1	95.1	95.4	95.4	95.4	95.8	95.8	95.8	96.0	96.0	96.2	96.9
IN 1800	94.2	94.7	95.4	95.4	95.4	95.4	95.8	95.8	95.8	96.1	96.1	96.1	96.3	96.3	96.6	97.2
IN 1500	95.0	95.4	96.2	96.2	96.2	96.2	96.6	96.6	96.6	96.9	96.9	96.9	97.1	97.1	97.3	98.0
IN 1200	96.0	96.4	97.2	97.2	97.2	97.2	97.6	97.6	97.6	97.9	97.9	97.9	98.1	98.1	98.3	99.0
IN 1000	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	99.1	99.8
IN 900	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	99.1	99.8
IN 800	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	99.1	99.8
IN 700	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	99.1	99.8
IN 600	96.7	97.1	97.9	97.9	97.9	97.9	98.2	98.2	98.2	98.6	98.6	98.6	98.8	98.8	99.1	99.8
IN 500	96.7	97.1	97.9	98.0	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.9	98.9	99.2	99.9
IN 400	96.7	97.1	97.9	98.0	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.9	98.9	99.2	99.9
IN 300	96.7	97.1	97.9	98.0	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.9	98.9	99.2	100.0
IN 200	96.7	97.1	97.9	98.0	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.9	98.9	99.2	100.0
IN 100	96.7	97.1	97.9	98.0	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.9	98.9	99.2	100.0
IN 0	96.7	97.1	97.9	98.0	98.0	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS

300

CEILING VERSUS VISIBILITY

~~STATION~~ ~~1-1-60~~ ~~STATION NAME~~ ~~37-66~~ ~~YEARS~~

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~CONFIDENTIAL~~

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING IN 20000	44.1 47.3	44.1 47.7	44.3 47.9	44.3 47.9	44.3 47.9	44.3 47.9	44.4 48.0	44.4 48.0	44.4 48.0	44.9 48.4	45.1 48.7	45.1 48.7	45.0 49.1	45.1 49.3	46.2 50.0	47.4 51.3
18000 16000	47.3 50.2	47.7 51.1	47.9 51.3	47.9 51.3	47.9 51.3	47.9 51.3	48.0 51.4	48.0 51.4	48.0 51.4	48.4 51.9	48.7 52.1	48.7 52.1	49.1 52.6	49.3 52.8	50.0 53.4	51.3 54.4
14000 12000	47.4 50.0	47.6 51.1	48.0 51.3	48.0 51.3	48.0 51.3	48.0 51.3	48.1 51.4	48.1 51.4	48.1 51.4	48.6 51.9	48.8 52.1	49.2 52.1	49.4 52.6	50.1 52.8	51.4 53.4	51.4 54.4
10000 9000	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
8000 7000	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
6000 5000	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
4500 4000	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
3500 3000	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
2500 2000	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
1800 1500	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
1200 1000	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
900 800	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
700 600	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
500 400	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
300 200	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4
100 0	48.2 50.2	48.6 51.6	48.8 52.8	48.8 52.8	48.8 52.8	48.8 52.8	48.9 53.0	48.9 53.0	48.9 53.0	49.4 53.7	49.7 53.7	49.7 53.7	50.2 53.7	50.4 53.7	51.3 53.9	51.4 54.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
WFO WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 25215 FAIRFAX COUNTY, VIRGINIA FAIRFAX FAIRFAX

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6,309,900

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 25000	44.4	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.1	45.2	45.3	45.3	45.4	45.6	45.3	46.4
18000	50.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3	51.4	51.4	51.6	51.7	51.7	52.6
16000	50.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.3	51.4	51.4	51.6	51.7	51.7	52.6
14000	51.0	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.7	51.8	51.9	51.9	52.0	52.1	52.3	53.0
12000	54.7	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.3	55.4	55.6	55.6	55.7	55.8	56.0	56.7
10000	59.4	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.1	60.3	60.6	60.6	60.7	60.8	61.1	61.8
9000	63.4	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.7	66.9	66.9	67.0	67.1	67.4	68.1
8000	70.3	70.8	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.2	71.4	71.4	71.6	71.7	72.0	72.7
7000	76.6	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.7	73.9	73.9	74.0	74.1	74.4	75.1
6000	73.4	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.6	74.8	75.0	75.0	75.1	75.2	75.6	76.2
5000	78.0	78.7	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.3	79.6	79.6	79.7	79.8	80.1	80.8
4500	79.3	80.0	80.2	80.2	80.3	80.3	80.3	80.3	80.4	80.7	80.9	80.9	81.0	81.2	81.5	82.2
4000	81.2	82.0	82.4	82.4	82.7	82.7	82.7	82.7	82.8	83.0	83.2	83.2	83.3	83.7	84.0	84.7
3500	82.9	83.6	84.4	84.6	84.7	84.7	84.7	84.7	84.8	85.0	85.2	85.2	85.4	85.8	86.1	86.8
3000	83.1	86.1	86.7	86.8	86.9	86.9	86.9	86.9	87.0	87.2	87.4	87.4	87.7	88.0	88.4	89.1
2500	83.9	86.9	87.4	87.6	87.7	87.7	87.7	87.7	87.8	88.0	88.2	88.2	88.4	88.8	89.1	89.8
2000	86.0	87.7	88.2	88.3	88.4	88.4	88.4	88.4	88.6	88.8	89.0	89.0	89.2	89.6	89.9	90.6
1800	87.0	88.3	88.9	89.0	89.1	89.1	89.1	89.1	89.2	89.4	89.7	89.7	89.9	90.2	90.6	91.2
1500	88.4	90.0	90.6	90.7	90.8	90.8	90.8	90.8	90.9	91.1	91.3	91.3	91.6	91.9	92.2	92.9
1200	89.0	91.8	92.3	92.4	92.6	92.6	92.6	92.7	92.8	93.0	93.2	93.2	93.4	93.8	94.1	94.8
1000	89.7	92.7	93.2	93.4	93.9	93.6	93.6	93.7	93.8	94.2	94.4	94.4	94.7	95.0	95.3	96.0
900	90.9	92.9	93.4	93.7	93.8	93.8	93.8	93.9	94.0	94.4	94.7	94.7	94.9	95.2	95.6	96.2
800	91.4	93.4	94.0	94.3	94.4	94.4	94.4	94.4	94.7	95.1	95.3	95.3	95.6	95.9	96.2	96.9
700	92.1	94.1	94.7	95.2	95.4	95.3	95.4	95.6	95.7	96.1	96.3	96.3	96.6	96.9	97.2	97.9
600	92.3	94.3	95.0	95.9	96.1	96.1	96.2	96.3	96.4	96.9	97.1	97.1	97.3	97.7	98.0	98.7
500	92.8	94.4	95.1	96.0	96.2	96.2	96.4	96.6	96.7	97.1	97.3	97.3	97.6	97.9	98.2	98.9
400	92.8	94.4	95.4	96.3	96.6	96.6	96.8	96.9	97.0	97.4	97.7	97.7	97.9	98.2	98.5	99.3
300	92.9	94.9	95.6	96.4	96.5	96.8	97.0	97.1	97.2	97.9	98.1	98.1	98.3	98.7	99.2	99.3
200	92.9	94.9	95.6	96.4	96.9	96.9	97.2	97.3	97.4	98.1	98.3	98.3	98.6	98.9	99.2	100.0
100	92.9	94.9	95.6	96.4	96.9	96.9	97.2	97.3	97.4	98.1	98.3	98.3	98.6	98.9	99.2	100.0
0	92.9	94.9	95.6	96.4	96.9	96.9	97.2	97.3	97.4	98.1	98.3	98.3	98.6	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 700

AD-A100 241 AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
JAN 72

UNCLASSIFIED USAFETAC/US-81/036

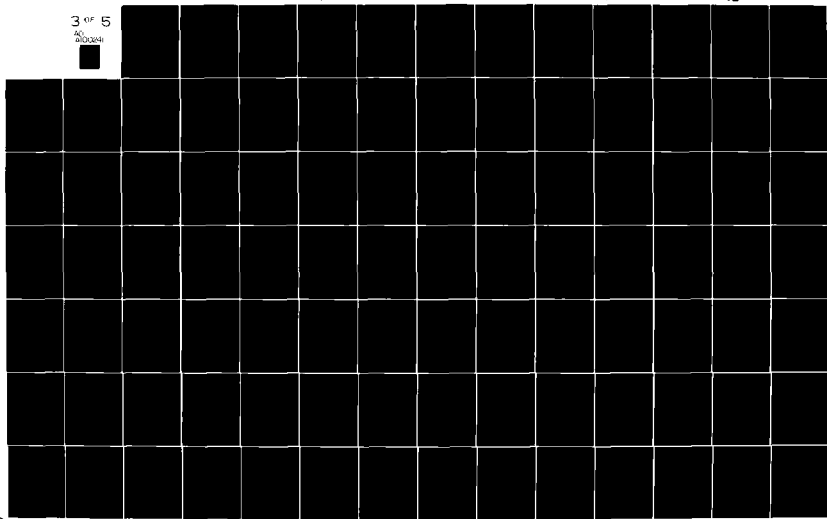
SBIE-AD-E850 06A

NL

3 of 5

AL

200241



DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE/AC

CEILING VERSUS VISIBILITY

STATION NAME: 3-218 FLYING DUTY 57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ 0
NO CEILING	33.3	33.6	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
IV 25000	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 18000	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
IV 16000	41.4	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
IV 14000	43.0	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
IV 12000	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
IV 10000	48.8	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
IV 9000	51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
IV 8000	54.6	54.7	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
IV 7000	57.7	57.8	57.8	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
IV 6000	64.4	64.5	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
IV 5000	73.4	73.6	73.6	73.6	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
IV 4500	77.9	77.9	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
IV 4000	82.1	82.1	82.3	82.3	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
IV 3500	85.0	85.0	85.2	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
IV 3000	88.0	88.0	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
IV 2500	91.2	91.5	91.8	91.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
IV 2000	93.2	93.5	93.8	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
IV 1800	94.0	94.3	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
IV 1500	95.1	95.6	95.8	95.8	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
IV 1200	95.9	96.3	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
IV 1000	96.3	96.6	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
IV 900	96.6	97.0	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
IV 800	97.0	97.4	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
IV 700	97.2	97.7	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IV 600	97.4	98.1	98.4	98.4	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IV 500	97.6	98.2	98.7	98.8	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 300	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 200	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 100	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IV 0	97.7	98.3	98.8	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 399

DATA PROCESSING DIVISION
USAF ETAC
WFO WEATHER SERVICE/MAG

CEILING VERSUS VISIBILITY

STATION 25216 POINT NELSON EC/HUSKAR OUT ART 57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-06-2000
HOURS (UT)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
≥ 18000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
≥ 16000	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
≥ 14000	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
≥ 12000	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
≥ 10000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
≥ 8000	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 7000	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
≥ 6000	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
≥ 5000	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
≥ 4500	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
≥ 4000	84.1	84.1	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
≥ 3500	86.1	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
≥ 3000	89.1	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 2500	91.3	91.4	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
≥ 2000	93.4	93.7	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
≥ 1800	94.8	95.1	95.8	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
≥ 1500	97.1	97.6	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
≥ 1200	97.6	98.0	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
≥ 1000	97.8	98.3	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3
≥ 900	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 800	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 700	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 600	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 500	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 400	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 300	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 200	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 100	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7
≥ 0	98.1	98.7	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 898

ATA PROFESSION DIVISION
USAF ETAC
AIR WEATHER SERVICE/NAO

CEILING VERSUS VISIBILITY

STATION NO. 25210 STATION NAME EL PASO BC/HUSK DIST ART 27-46 YEARS 11 MONTH 11
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 2100-2300

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.6	45.6	45.7
≥ 20000	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.8	48.8	48.9
IV 18000	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0	49.1
IV 16000	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.2	49.2	49.3
IV 14000	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.1	50.1	50.2
IV 12000	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1	53.2
IV 10000	60.1	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.4	60.4	60.6
IV 9000	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.2
IV 8000	73.1	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.6	73.6	73.7	73.7	73.8
IV 7000	77.4	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	78.0	78.0	78.1
IV 6000	79.6	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.6	80.6	80.7
IV 5000	84.9	85.2	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9	86.0
IV 4500	88.1	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.1	89.1	89.2
IV 4000	91.0	91.3	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.3	92.3	92.4
IV 3500	93.8	94.1	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.2
IV 3000	95.0	95.3	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.4	96.4	96.6
IV 2500	96.2	96.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.7	97.7	97.8
IV 2000	97.1	97.4	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.7
IV 1800	97.6	97.9	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.2
IV 1500	97.7	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4
IV 1200	97.7	98.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.3	99.3	99.4
IV 1000	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 900	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 800	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 700	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 600	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 500	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 400	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 300	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 200	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 100	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8
IV 0	98.0	98.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.7	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 USAF ETAC
 CEILING VERSUS VISIBILITY

CEILING VERSUS VISIBILITY

STATION 5710 F. T. NELSON BC/MUSKOGEE DUT APT 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

0000-0700

CEILING FEET	VISIBILITY (STATUTE MILES)														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING	49.5	50.0	50.1	50.4	51.0	51.0	51.7	51.7	51.7	51.9	52.2	52.2	52.5	52.5	52.5
IV 20000	52.3	52.8	52.9	53.2	53.8	53.9	54.6	54.6	54.6	54.8	55.2	55.2	55.5	55.5	55.5
IV 18000	52.3	52.8	52.9	53.2	53.8	53.9	54.6	54.6	54.6	54.8	55.2	55.2	55.5	55.5	55.5
IV 16000	52.3	52.8	52.9	53.2	53.8	53.9	54.6	54.6	54.6	54.8	55.2	55.2	55.5	55.5	55.5
IV 14000	53.5	54.1	54.2	54.5	55.2	55.2	55.9	55.9	55.9	56.1	56.5	56.5	56.8	56.8	57.1
IV 12000	57.1	57.6	57.7	58.1	58.7	58.7	59.5	59.5	59.5	59.7	60.0	60.0	60.3	60.3	61.3
IV 10000	62.0	62.7	62.8	63.1	63.8	63.8	64.5	64.6	64.6	64.8	65.2	65.2	65.6	65.6	66.1
IV 9000	66.3	67.0	67.1	67.5	70.2	70.2	71.0	71.1	71.1	71.3	71.6	71.6	72.0	72.0	72.5
IV 8000	73.8	74.5	74.6	74.9	75.7	75.7	76.5	76.6	76.6	76.8	77.1	77.1	77.6	77.6	78.1
IV 7000	78.4	79.1	79.2	79.6	80.3	80.3	81.1	81.2	81.2	81.4	81.7	81.7	82.3	82.3	82.7
IV 6000	79.6	80.4	80.5	80.9	81.6	81.6	82.4	82.5	82.5	82.7	83.0	83.0	83.5	83.5	84.0
IV 5000	83.5	83.6	83.5	84.9	84.6	84.6	85.5	85.6	85.6	85.9	86.2	86.2	86.8	86.8	87.2
IV 4500	85.7	84.6	84.7	85.1	85.8	85.8	86.7	86.8	86.8	87.1	87.4	87.4	88.0	88.0	88.4
IV 4000	86.2	87.2	87.3	87.6	88.4	88.4	89.2	89.5	89.5	89.8	90.1	90.1	90.6	90.6	91.1
IV 3500	87.3	88.3	88.4	88.7	89.5	89.5	90.3	90.5	90.5	90.9	91.2	91.2	91.7	91.7	92.2
IV 3000	87.8	88.8	88.9	89.2	90.0	90.0	91.0	91.2	91.2	91.6	91.9	91.9	92.5	92.5	92.9
IV 2500	88.7	89.8	89.9	90.2	91.0	91.0	91.9	92.2	92.2	92.6	92.9	92.9	93.4	93.4	93.9
IV 2000	90.0	91.1	91.3	91.6	92.4	92.4	93.3	93.5	93.5	94.0	94.3	94.3	94.8	94.8	95.3
IV 1800	90.2	91.3	91.5	91.8	92.6	92.6	93.5	93.8	93.8	94.2	94.5	94.5	95.1	95.1	95.5
IV 1500	91.1	92.3	92.5	92.8	93.5	93.5	94.2	94.7	94.7	95.2	95.5	95.5	96.0	96.0	96.5
IV 1200	92.2	93.4	93.7	94.0	94.7	94.7	95.7	96.0	96.0	96.5	96.8	96.8	97.3	97.3	97.7
IV 1000	92.7	94.0	94.3	94.6	95.4	95.4	96.3	96.7	96.7	97.1	97.4	97.4	98.0	98.0	98.4
IV 900	92.7	94.1	94.4	94.7	95.5	95.5	96.5	96.8	96.8	97.2	97.5	97.5	98.1	98.1	98.5
IV 800	92.7	94.1	94.4	94.7	95.5	95.5	96.5	96.8	96.8	97.2	97.5	97.5	98.1	98.1	98.5
IV 700	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6
IV 600	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6
IV 500	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6
IV 400	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6
IV 300	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6
IV 200	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6
IV 100	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	98.6
IV 0	92.7	94.1	94.4	94.7	95.6	95.6	96.6	96.9	96.9	97.3	97.6	97.6	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25210 STATION NAME: FORT BELSAP, MD/CHICK-A-DIT AFB

57-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0400-0500
MOON (L.V.)

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	48.2	48.7	49.4	49.5	50.2	50.4	50.6	50.6	50.6	51.2	51.4	51.4	52.0	52.0	52.2	52.8
≥ 20000	50.4	51.0	51.6	51.7	52.5	52.7	53.0	53.0	53.0	53.7	53.9	53.9	54.6	54.6	54.8	55.5
IV 18000	50.4	51.0	51.6	51.7	52.5	52.7	53.0	53.0	53.0	53.7	53.9	53.9	54.6	54.6	54.8	55.5
IV 16000	50.4	51.0	51.6	51.7	52.5	52.7	53.0	53.0	53.0	53.7	53.9	53.9	54.6	54.6	54.8	55.5
IV 14000	51.1	51.6	52.3	52.5	53.2	53.4	53.8	53.8	53.8	54.4	54.6	54.6	55.4	55.4	55.6	56.2
IV 12000	53.5	54.2	54.7	55.2	56.0	56.2	56.6	56.9	56.9	57.5	57.7	57.7	58.5	58.5	58.7	59.4
IV 10000	58.8	59.6	60.2	60.6	61.6	61.8	62.2	62.5	62.5	63.1	63.4	63.4	64.5	64.5	64.7	65.4
IV 9000	63.7	64.4	65.2	65.6	66.6	66.8	67.1	67.4	67.4	68.1	68.5	68.5	69.8	69.8	70.1	70.9
IV 8000	69.6	70.4	71.2	71.6	72.6	72.8	73.1	73.4	73.4	74.1	74.5	74.5	75.9	75.9	76.2	77.1
IV 7000	72.2	73.0	73.8	74.2	75.2	75.4	75.7	76.0	76.0	76.7	77.1	77.1	78.7	78.7	79.2	80.1
IV 6000	73.4	74.3	75.1	75.5	76.5	76.7	77.0	77.3	77.3	78.0	78.4	78.4	80.0	80.0	80.5	81.4
IV 5000	76.8	78.0	78.7	79.1	80.1	80.3	80.6	81.0	81.0	81.6	82.0	82.3	83.7	83.8	84.3	85.4
IV 4500	78.3	79.3	80.2	80.6	81.6	81.8	82.2	82.5	82.5	83.1	83.5	83.8	85.2	85.3	85.8	86.9
IV 4000	79.9	81.1	81.8	82.3	83.2	83.4	83.8	84.1	84.1	84.7	85.2	85.4	86.8	86.9	87.4	88.5
IV 3500	80.8	81.9	82.7	83.1	84.1	84.3	84.6	84.9	84.9	85.6	86.0	86.2	87.6	87.7	88.3	89.4
IV 3000	81.7	83.0	83.8	84.2	85.2	85.4	85.7	86.0	86.0	86.7	87.2	87.4	88.8	88.9	89.5	90.5
IV 2500	82.6	84.0	84.8	85.3	86.2	86.5	86.8	87.2	87.3	88.0	88.5	88.7	90.1	90.2	90.8	91.8
IV 2000	83.8	85.4	86.3	86.8	87.7	88.0	88.3	88.7	88.8	89.5	90.0	90.2	91.6	91.7	92.3	93.3
IV 1800	84.4	86.0	87.0	87.5	88.5	88.7	89.0	89.5	89.6	90.2	90.8	91.0	92.4	92.5	93.0	94.1
IV 1500	85.3	86.9	88.1	88.6	89.6	89.8	90.1	90.5	90.6	91.3	91.8	92.0	93.4	93.5	94.1	95.2
IV 1200	86.1	87.7	88.9	89.3	90.4	90.6	91.0	91.4	91.5	92.3	92.8	93.0	94.4	94.5	95.1	96.1
IV 1000	86.7	88.3	89.7	90.2	91.2	91.4	91.7	92.3	92.4	93.1	93.8	94.0	95.4	95.5	96.0	97.1
IV 900	86.7	88.4	89.9	90.4	91.4	91.6	91.9	92.5	92.6	93.3	94.0	94.2	95.6	95.7	96.2	97.3
IV 800	87.0	88.8	90.3	91.0	91.9	92.2	92.5	93.0	93.1	93.9	94.5	94.7	96.1	96.2	96.8	97.8
IV 700	87.0	88.8	90.4	91.1	92.2	92.4	92.8	93.3	93.4	94.2	94.8	95.1	96.5	96.6	97.1	98.2
IV 600	87.0	88.6	90.4	91.1	92.2	92.5	92.9	93.4	93.5	94.4	95.2	95.4	96.8	96.9	97.4	98.5
IV 500	87.0	88.8	90.4	91.1	92.2	92.5	92.9	93.4	93.5	94.7	95.7	95.9	97.5	97.6	98.2	99.2
IV 400	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.6	97.7	98.3	99.4
IV 300	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.6	97.7	98.3	99.4
IV 200	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.6	97.7	98.3	99.4
IV 100	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.6	97.7	98.3	99.4
IV 0	87.0	88.8	90.4	91.1	92.2	92.5	93.0	93.5	93.7	94.8	95.8	96.0	97.6	97.7	98.3	99.4

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
WPC WEATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

STATION 25710 FLIGHT FIELD, HUSKWA DIT ART

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0600-0800

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ¼	≥ 5/16	≥ ¼	≥ 0
NO CEILING	49.0	49.8	49.9	50.4	50.6	51.0	51.1	51.1	51.1	51.5	51.5	51.5	51.5	51.6	51.7	52.2
IV 20000	53.8	54.5	54.6	55.2	55.5	55.9	56.2	56.2	56.2	56.7	56.7	56.7	56.7	56.8	56.9	57.4
IV 18000	53.8	54.5	54.6	55.2	55.5	55.9	56.2	56.2	56.2	56.7	56.7	56.7	56.7	56.8	56.9	57.4
IV 16000	53.8	54.5	54.6	55.2	55.5	55.9	56.2	56.2	56.2	56.7	56.7	56.7	56.7	56.8	56.9	57.4
IV 14000	54.5	55.4	55.5	56.2	56.6	57.1	57.5	57.5	57.5	58.0	58.0	58.0	58.0	58.1	58.2	58.7
IV 12000	57.1	58.0	58.1	58.8	59.1	59.7	60.2	60.3	60.3	60.8	60.8	60.8	60.8	60.9	61.0	61.5
IV 10000	62.9	63.8	64.0	64.8	65.3	65.8	66.3	66.5	66.5	66.9	67.0	67.0	67.0	67.1	67.2	67.7
IV 9000	68.6	69.5	69.7	70.6	71.1	71.6	72.2	72.3	72.3	72.8	72.9	72.9	73.0	73.1	73.2	73.8
IV 8000	72.6	73.4	73.7	74.7	75.2	75.7	76.2	76.3	76.3	76.9	77.1	77.1	77.3	77.5	77.6	78.2
IV 7000	74.6	75.6	75.8	76.9	77.3	77.8	78.4	78.5	78.5	79.0	79.2	79.2	79.5	79.7	79.8	80.3
IV 6000	75.5	76.5	76.7	77.7	78.2	78.7	79.2	79.4	79.4	79.9	80.1	80.1	80.3	80.5	80.5	81.2
IV 5000	77.4	79.1	79.4	80.4	80.9	81.4	81.9	82.0	82.0	82.6	82.8	82.8	83.1	83.3	83.4	84.0
IV 4500	78.2	79.6	79.9	81.0	81.4	81.9	82.5	82.6	82.6	83.1	83.3	83.3	83.7	83.9	84.0	84.5
IV 4000	79.0	81.0	81.3	82.4	82.8	83.3	83.9	84.0	84.0	84.5	84.7	84.7	85.1	85.3	85.4	85.9
IV 3500	80.3	81.0	82.2	83.2	83.7	84.2	84.7	84.8	84.8	85.4	85.6	85.6	85.9	86.1	86.2	86.8
IV 3000	81.9	83.4	83.8	84.8	85.3	85.8	86.3	86.5	86.5	87.0	87.2	87.2	87.5	87.7	87.8	88.4
IV 2500	83.5	85.2	85.5	86.5	87.2	87.7	88.3	88.4	88.4	88.9	89.1	89.1	89.5	89.7	89.8	90.3
IV 2000	84.2	85.8	86.1	87.2	87.8	88.4	88.9	89.0	89.0	89.6	89.8	89.8	90.1	90.3	90.4	91.0
IV 1800	84.6	86.5	86.8	87.8	88.3	89.0	89.6	89.7	89.7	90.2	90.4	90.4	90.8	91.0	91.1	91.6
IV 1500	85.5	87.6	88.0	89.0	89.5	90.3	90.9	91.1	91.1	91.6	91.8	91.8	92.2	92.4	92.5	93.0
IV 1200	86.1	88.4	88.7	89.3	90.3	91.1	91.6	91.8	91.8	92.4	92.6	92.6	92.9	93.1	93.2	93.8
IV 1000	86.7	89.2	89.8	90.9	91.7	92.3	92.8	93.0	93.0	93.5	93.8	93.8	94.1	94.3	94.5	95.1
IV 900	86.8	89.4	90.0	91.1	92.2	92.7	93.2	93.4	93.4	94.0	94.2	94.2	94.5	94.7	94.9	95.5
IV 800	87.1	89.7	90.3	91.5	92.7	93.2	93.8	94.0	94.0	94.5	94.7	94.7	95.1	95.3	95.5	96.0
IV 700	87.2	89.9	90.6	91.8	93.0	93.5	94.1	94.3	94.3	94.8	95.1	95.1	95.4	95.6	95.8	96.3
IV 600	87.4	90.2	91.0	92.2	93.4	93.9	94.4	94.6	94.6	95.2	95.4	95.4	95.7	95.9	96.1	96.7
IV 500	87.5	90.4	91.2	92.4	93.5	94.1	94.6	94.8	94.8	95.3	95.8	95.8	96.1	96.3	96.6	97.1
IV 400	87.6	90.6	91.4	92.6	93.7	94.3	94.8	95.1	95.1	95.6	96.3	96.3	96.8	97.0	97.3	97.8
IV 300	87.6	90.8	91.5	92.9	94.2	94.7	95.3	95.7	95.7	96.3	96.8	96.8	97.2	97.4	98.1	98.7
IV 200	87.8	91.0	91.8	93.2	94.6	95.2	95.9	96.1	96.1	97.1	97.5	97.5	98.1	98.3	99.0	99.8
IV 100	87.8	91.0	91.8	93.2	94.6	95.2	95.9	96.1	96.1	97.1	97.5	97.5	98.1	98.3	99.1	100.0
IV 0	87.8	91.0	91.8	93.2	94.6	95.2	95.9	96.1	96.1	97.1	97.5	97.5	98.1	98.3	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ATA REVISION DIVISION
USAF ETAC
101 EAST EXHIBITION BLVD

CEILING VERSUS VISIBILITY

STATION NAME WILSON FIELD, INDIANA DATE 7-66

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	43.5	43.7	44.0	44.1	44.7	44.7	44.7	44.9	44.8	44.8	44.4	44.4	44.8	44.8	44.8	44.4
≥ 20000	52.2	52.2	52.5	52.5	53.7	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
≥ 18000	52.3	52.4	52.7	53.0	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
≥ 16000	52.6	52.5	52.8	53.1	53.9	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
≥ 14000	52.6	52.7	53.0	53.3	54.2	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
≥ 12000	55.1	55.2	55.5	55.8	56.7	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
≥ 10000	56.8	58.9	59.2	59.7	60.5	60.5	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 9000	61.4	61.5	61.8	62.3	63.1	63.1	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
≥ 8000	64.0	64.1	64.4	64.8	65.8	65.8	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
≥ 7000	65.1	65.3	65.6	66.0	67.0	67.0	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
≥ 6000	68.2	68.4	68.7	69.1	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
≥ 5000	75.7	75.1	76.5	76.9	78.2	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
≥ 4500	77.2	77.6	78.0	78.5	79.8	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
≥ 4000	80.2	80.5	81.2	81.7	83.0	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
≥ 3500	83.0	83.8	84.1	84.6	85.9	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
≥ 3000	84.7	85.7	86.0	86.6	88.0	88.1	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
≥ 2500	88.3	89.4	89.7	90.2	91.6	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
≥ 2000	92.1	91.3	91.8	92.2	93.3	93.7	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
≥ 1800	90.9	92.0	92.4	92.9	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
≥ 1500	91.7	93.0	93.3	93.9	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
≥ 1200	92.8	94.4	94.7	95.5	97.6	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
≥ 1000	93.5	95.4	95.7	96.5	98.0	98.3	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
≥ 900	93.6	95.6	95.9	96.7	98.2	98.5	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
≥ 800	93.9	95.9	96.2	97.0	98.2	98.6	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
≥ 700	94.1	96.5	96.8	97.5	99.0	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
≥ 600	94.1	96.5	96.8	97.6	99.1	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
≥ 500	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 400	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 300	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 200	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 100	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
≥ 0	94.1	96.5	96.8	97.6	99.2	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR EATING SERVICE/ IAC

CEILING VERSUS VISIBILITY

STATION NAME PORT WILSON LC/HUSKIA DIST WY 57-66 YEARS 1968-1970

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	41.8	42.0	42.4	42.4	42.9	42.9	42.9	43.1	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
≥ 20000	42.4	42.0	42.4	42.4	42.9	42.9	42.9	43.1	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
IV 18000	50.2	50.4	50.4	50.9	51.0	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
IV 16000	51.0	51.2	51.5	51.6	52.4	52.4	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
IV 14000	51.7	51.7	52.3	52.4	53.1	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
IV 12000	53.5	53.6	54.1	54.2	55.1	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
IV 10000	59.5	59.7	60.1	60.2	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 9000	63.0	63.3	63.8	63.9	64.8	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV 8000	66.5	67.0	67.4	67.5	68.5	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
IV 7000	68.9	69.5	69.9	70.0	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 6000	74.5	75.2	75.6	75.7	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 5000	81.7	82.4	83.0	83.1	84.2	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
IV 4500	83.8	84.4	85.1	85.3	86.6	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
IV 4000	85.9	86.6	87.3	87.5	88.8	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
IV 3500	86.5	87.4	88.2	88.4	89.7	90.0	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
IV 3000	89.2	90.3	91.1	91.3	92.6	92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
IV 2500	90.8	92.3	93.0	93.2	94.5	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
IV 2000	91.9	93.7	94.4	94.6	95.9	96.2	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV 1800	92.0	94.3	95.1	95.3	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
IV 1500	93.0	94.7	95.5	95.7	97.0	97.3	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV 1200	93.4	95.3	96.0	96.2	97.5	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
IV 1000	93.7	95.6	96.3	96.6	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV 900	94.0	96.0	96.8	97.0	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
IV 800	94.2	96.2	97.0	97.2	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 700	94.2	96.2	97.0	97.2	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IV 600	94.2	96.2	97.2	97.5	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV 500	94.2	96.3	97.2	97.6	98.9	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
IV 400	94.3	96.5	97.3	97.8	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 300	94.3	96.5	97.3	97.8	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
IV 200	94.3	96.5	97.3	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 100	94.3	96.5	97.3	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV 0	94.3	96.5	97.3	97.8	99.1	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
WFO, WASHINGTON, D.C.

CEILING VERSUS VISIBILITY

25211 FLIGHT DATA SUMMARY REPORT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-6-2000

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .25	≥ .2
NO CEILING	44.9	45.5	45.0	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
≥ 20000	54.4	55.1	55.2	55.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
18000	54.5	55.2	55.3	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
16000	55.2	55.8	55.9	55.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
14000	56.1	56.9	57.0	57.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
12000	58.5	59.2	59.4	59.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
10000	64.1	64.9	65.2	65.3	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
9000	71.2	72.0	72.3	72.6	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
8000	74.0	75.1	75.3	75.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
7000	75.6	76.8	77.0	77.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
6000	77.3	78.5	78.8	79.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
5000	83.2	84.5	84.8	85.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
4500	85.4	86.8	87.2	87.6	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
4000	88.2	89.8	90.3	90.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
3500	90.9	90.8	91.3	91.7	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
3000	92.8	92.8	93.3	93.6	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
2500	91.6	93.7	94.3	94.7	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
2000	92.0	94.7	95.5	95.9	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
1800	92.2	94.8	95.6	96.0	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
1500	93.0	95.7	96.5	96.9	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
1200	93.3	96.0	96.8	97.2	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
1000	93.3	96.1	96.9	97.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
900	93.3	96.1	96.9	97.3	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
800	93.4	96.2	97.0	97.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
700	93.5	96.3	97.1	97.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
600	93.7	96.5	97.2	97.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
500	93.7	96.5	97.3	97.7	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
400	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
300	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	93.7	96.6	97.4	97.8	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 230

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

~~210-2340~~

CEILING FEET		VISIBILITY STATUTE MILES															
		≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	23000	60.0	49.4	50.0	50.1	50.9	51.0	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
IV	18000 16000	54.1	54.8	55.5	55.6	56.3	56.5	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
IV	14000 12000	44.0	55.1	55.7	55.8	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV	10000 9000	34.0	55.4	56.0	56.1	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
IV	8000 7000	25.5	56.7	56.9	57.0	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV	6000 5000	17.6	58.4	59.0	59.1	60.0	60.1	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
IV	4500 4000	12.2	61.0	63.7	63.8	64.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
IV	3500 3000	8.2	67.2	67.4	68.0	69.1	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
IV	2500 2000	7.5	71.6	72.3	72.4	73.4	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
IV	1800 1500	7.5	74.6	75.3	75.4	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
IV	1200 1000	7.5	77.6	77.7	77.7	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV	900 800	7.5	81.7	81.8	81.8	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
IV	700 600	7.5	85.5	86.1	86.1	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
IV	500 400	7.5	89.0	89.7	89.8	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV	300 200	7.5	91.1	91.1	91.1	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
IV	100 0	7.5	92.3	92.3	92.3	94.1	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
IV	1200 1000	7.5	94.4	94.4	94.4	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
IV	900 800	7.5	95.4	95.4	95.4	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
IV	700 600	7.5	96.4	96.4	96.4	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
IV	500 400	7.5	97.4	97.4	97.4	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
IV	300 200	7.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IV	100 0	7.5	99.4	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 24

ATA PROCESSING DIVISION
DAF ETAC
10-14-55 (OL 1)

CEILING VERSUS VISIBILITY

STATION 21066 DATE 21-66 MONTH 10

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0000-0200
HOURS IL 97.7

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ 0.5	≥ 0.5	≥ 0.5	≥ 0.5	≥ 0.5	≥ 0
NO. CEILING	4.0	5.2	5.5	5.7	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9	5.9
IV 2000	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 1800	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 1600	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 1400	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 1200	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 1000	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 900	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 800	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 700	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 600	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 500	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 400	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 300	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 200	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 100	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
IV 0	7.0	7.3	7.5	7.7	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9

TOTAL NUMBER OF OBSERVATIONS 230

ATA PUBLISHED DIVISION
 USAF ETAC
 (1) ENT 1-5-58 (10/1/58)

CEILING VERSUS VISIBILITY

STATION NAME: 17-66 YEARS: MONTH: 11-60
 PERCENTAGE FREQUENCY OF OCCURRENCE
 (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ 4/8	≥ 3/8	≥ 2/8	≥ 0
≥ 2000	47.0	48.4	49.1	49.8	50.0	50.0	50.1	50.1	50.1	50.4	50.4	50.4	50.4	50.4	50.5	50.5
18000	51.0	51.4	52.2	52.8	53.1	53.1	53.2	53.2	53.2	53.5	53.5	53.5	53.5	53.5	53.6	53.6
16000	51.0	51.5	52.3	52.9	53.2	53.2	53.3	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.7	53.7
14000	52.7	54.4	55.2	55.8	56.0	56.3	56.1	56.1	56.1	56.5	56.6	56.6	56.6	56.6	56.7	56.7
12000	53.4	57.6	57.7	58.4	58.6	58.8	58.8	58.8	58.8	59.2	59.5	59.5	59.6	59.6	59.7	59.7
10000	59.8	61.7	62.7	63.4	63.7	63.7	64.2	64.3	64.3	64.7	64.9	64.9	65.1	65.1	65.2	65.2
8000	64.9	66.9	66.9	66.9	67.2	67.2	67.7	67.8	67.8	68.3	68.3	68.3	68.6	68.6	68.7	68.7
7000	67.6	69.7	70.9	71.8	72.2	72.2	72.7	72.8	72.8	73.2	73.4	73.4	73.5	73.5	73.7	73.7
6000	70.6	72.8	74.0	74.9	75.3	75.3	75.8	75.9	75.9	76.3	76.6	76.6	76.7	76.7	76.8	76.8
5000	71.0	73.0	74.2	75.3	75.6	75.6	76.1	76.2	76.2	76.7	76.9	76.9	77.1	77.1	77.2	77.2
4500	72.9	74.9	76.1	77.2	77.6	77.6	78.2	78.3	78.3	78.7	78.9	78.9	79.1	79.1	79.2	79.2
4000	73.7	75.7	76.9	78.0	78.4	78.4	78.9	79.0	79.0	79.5	79.7	79.7	80.0	80.0	80.1	80.1
3500	74.8	76.9	78.1	79.1	79.6	79.6	80.1	80.2	80.2	80.6	80.9	80.9	81.2	81.2	81.3	81.3
3000	75.9	78.0	79.1	80.2	80.6	80.6	81.2	81.3	81.3	81.7	81.9	81.9	82.3	82.3	82.4	82.4
2500	76.9	79.1	80.4	81.5	81.9	81.9	82.5	82.6	82.6	83.0	83.2	83.2	83.5	83.5	83.7	83.7
2000	77.8	80.1	81.5	82.6	83.0	83.0	83.5	83.7	83.7	84.1	84.3	84.3	84.6	84.6	84.7	84.7
1800	78.9	81.4	82.8	83.9	84.3	84.3	84.8	84.9	84.9	85.4	85.6	85.6	85.9	85.9	86.0	86.0
1500	80.1	82.6	84.0	85.1	85.5	85.5	86.0	86.1	86.1	86.6	86.8	86.8	87.1	87.1	87.2	87.2
1200	81.8	84.3	85.7	86.8	87.2	87.2	87.7	87.8	87.8	88.3	88.5	88.5	88.8	88.8	88.9	88.9
1000	84.7	87.3	88.9	90.0	90.4	90.4	91.0	91.1	91.1	91.5	91.7	91.7	92.0	92.0	92.2	92.2
900	86.1	88.8	90.4	91.5	91.9	91.9	92.5	92.6	92.6	93.0	93.2	93.2	93.5	93.5	93.7	93.7
800	87.0	89.7	91.3	92.4	92.8	92.8	93.3	93.4	93.4	93.9	94.1	94.1	94.4	94.4	94.5	94.5
700	87.7	90.6	92.7	93.9	94.3	94.3	94.9	95.1	95.1	95.6	95.8	95.8	96.1	96.1	96.2	96.2
600	88.0	91.0	92.9	94.3	94.8	94.8	95.1	95.6	95.8	96.3	96.5	96.5	96.7	96.7	97.0	97.1
500	88.6	91.6	93.5	94.9	95.6	95.6	96.3	96.6	96.6	97.2	97.4	97.4	97.7	97.7	97.8	97.8
400	89.0	92.0	94.1	95.7	96.7	96.9	97.4	97.6	97.6	98.3	98.5	98.5	98.8	98.8	98.9	98.9
300	89.1	92.4	94.4	96.0	97.0	97.2	97.7	98.0	98.0	98.6	98.9	98.9	99.4	99.4	99.5	99.5
200	89.4	92.6	94.6	96.2	97.2	97.4	98.0	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.8	99.8
100	89.4	92.6	94.6	96.2	97.2	97.4	98.0	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.9	99.9
0	89.4	92.6	94.6	96.2	97.2	97.4	98.0	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS: 210

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION - PORT ARTHUR LC/HUSKAR DUT APT 57-66 1200-1400
STATION NAME MONTH YEARS

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING (FEET)	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1	≥ 1/2	≥ 1/8	≥ 0
≥ 20000	55.2	55.5	46.2	46.6	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
18000	51.3	52.0	52.9	53.3	53.6	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
16000	51.6	52.4	53.2	53.7	54.2	54.2	54.4	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
14000	52.0	53.5	54.5	55.2	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
12000	54.5	55.4	56.3	57.1	57.7	57.7	58.0	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1
10000	56.6	59.6	61.6	61.8	62.2	62.2	62.4	62.4	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7
8000	61.0	61.9	63.2	64.1	64.7	64.7	64.9	64.9	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3
7000	63.9	64.8	66.1	67.0	67.6	67.6	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2
6000	66.0	67.0	68.3	69.2	69.9	69.9	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
5000	67.5	68.5	70.0	71.0	71.6	71.6	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2
4500	71.0	71.9	73.4	74.4	75.1	75.1	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
4000	73.7	74.6	76.1	77.1	77.7	77.7	78.0	78.0	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3
3500	76.8	77.7	79.2	80.2	80.9	80.9	81.1	81.1	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6
3000	78.4	79.4	80.9	81.8	82.5	82.5	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
2500	81.2	82.2	83.7	84.6	85.3	85.3	85.5	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
2000	83.3	84.5	86.0	87.0	87.6	87.6	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2
1800	85.8	87.1	88.6	89.6	90.2	90.2	90.4	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8
1500	86.6	88.0	89.5	90.4	91.1	91.1	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1200	87.2	88.7	90.2	91.2	91.8	91.8	92.0	92.0	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4
1000	89.0	90.5	92.3	93.3	94.0	94.0	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5
900	90.9	92.3	94.0	95.1	95.7	95.7	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2
800	91.1	92.9	94.6	95.7	96.5	96.5	96.9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
700	91.6	93.4	95.4	96.6	97.3	97.3	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
600	91.8	93.7	95.7	96.9	97.6	97.6	98.2	98.2	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
500	92.2	94.2	96.2	97.4	98.2	98.2	98.7	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
400	92.7	94.6	96.8	98.0	98.7	98.7	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
300	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
200	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	92.8	94.6	97.0	98.3	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 940

ATA PROCESSING DIVISION
SAFETY
PERCENTAGE FREQUENCY

CEILING VERSUS VISIBILITY

STATION PORT MCDONALD PC/HUSK 4 OUT ART

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-20-1700

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
≥ 20000	46.3	46.8	47.0	47.8	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
18000	54.5	54.9	55.4	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
16000	54.5	54.9	55.4	56.3	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
14000	56.3	56.8	57.2	58.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
12000	56.4	59.4	59.9	61.2	61.4	61.4	61.4	61.5	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7
10000	63.9	64.3	64.8	66.2	66.5	66.5	66.5	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.8	66.8
9000	66.3	66.6	67.3	68.7	68.9	68.9	68.9	69.0	69.0	69.1	69.2	69.2	69.2	69.2	69.2	69.2
8000	70.0	70.4	71.1	72.5	72.8	72.8	72.8	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1
7000	72.0	72.6	73.3	74.7	75.1	75.1	75.1	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.4	75.4
6000	73.7	74.3	75.3	76.7	77.0	77.0	77.0	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3
5000	78.4	79.0	80.1	81.5	81.8	81.8	81.8	81.9	81.9	82.0	82.2	82.2	82.2	82.2	82.2	82.2
4500	80.1	80.8	81.8	83.2	83.5	83.5	83.5	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9
4000	82.3	83.2	84.4	85.7	86.0	86.0	86.0	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.3
3500	83.6	84.6	85.7	87.1	87.4	87.4	87.4	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7
3000	85.3	86.2	87.3	88.7	89.0	89.0	89.0	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4
2500	87.8	88.9	90.3	91.7	92.0	92.0	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4
2000	89.6	90.6	92.0	93.4	93.8	93.8	93.8	93.9	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1
1800	90.2	91.3	92.7	94.1	94.4	94.4	94.4	94.5	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
1500	91.3	92.4	93.8	95.2	95.5	95.5	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
1200	92.3	93.4	94.9	96.3	96.7	96.7	96.7	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0
1000	93.0	94.4	95.0	97.5	97.8	97.8	97.8	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
900	93.1	94.7	96.3	98.1	98.4	98.4	98.4	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
800	93.3	95.1	96.7	98.4	98.7	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
700	93.7	95.4	97.2	98.9	99.2	99.2	99.2	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
600	93.8	95.5	97.3	99.0	99.5	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
500	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
400	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
300	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
200	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
100	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
0	94.0	95.7	97.5	99.2	99.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR PLATEAU SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION 25210 FLY 40500 BC/USKWA DOT APT 57-66 YEARS MONTH
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 1-00-2000
(HOURS (Y))

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
NO CEILING	42.7	50.2	50.2	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IN 20000	50.2	50.2	50.2	50.8	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
IN 18000	6.6	57.1	57.2	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
IN 16000	57.3	57.8	58.0	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
IN 14000	50.8	58.4	58.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
IN 12000	60.6	61.3	61.5	62.8	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
IN 10000	66.2	66.9	67.1	68.4	68.6	68.6	68.6	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
IN 9000	70.3	71.0	71.2	72.5	72.7	72.7	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IN 8000	74.5	75.2	75.4	76.7	76.9	76.9	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
IN 7000	77.0	78.4	78.7	80.0	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
IN 6000	79.1	80.9	81.2	81.5	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IN 5000	81.1	83.9	84.2	85.5	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
IN 4500	84.2	86.9	87.3	88.6	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
IN 4000	86.0	88.8	89.1	90.4	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
IN 3500	87.2	88.0	88.3	89.6	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
IN 3000	89.9	90.9	91.2	92.5	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IN 2500	91.8	93.1	93.7	94.9	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
IN 2000	92.4	93.7	94.4	95.7	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
IN 1800	92.7	94.0	94.7	96.0	96.2	96.2	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
IN 1500	93.2	94.7	95.5	96.9	97.1	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
IN 1200	93.4	95.3	96.0	97.4	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
IN 1000	93.8	95.7	96.7	98.1	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
IN 900	94.1	96.0	97.0	98.5	98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
IN 800	94.1	96.0	97.0	98.5	98.9	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
IN 700	94.1	96.0	97.1	98.6	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
IN 600	94.4	96.3	97.4	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 500	94.4	96.3	97.4	98.9	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
IN 400	94.5	96.5	97.6	99.1	99.6	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
IN 300	94.5	96.5	97.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 200	94.2	96.5	97.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 100	94.5	96.5	97.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
IN 0	94.5	96.5	97.6	99.2	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
CIVIL ENGINEERING/AC

CEILING VERSUS VISIBILITY

STATION NAME: UNIT 100, 500 AC / HUSKAY DUT ART 57-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	51.6	51.3	51.6	52.2	52.4	52.4	52.4	52.6	52.6	52.7	52.7	52.7	52.8	52.8	53.1	53.3
18000 16000	54.7	55.4	55.7	56.2	56.5	56.5	56.5	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.2	57.5
14000 12000	54.9	55.6	55.9	56.5	56.7	56.7	56.7	56.9	56.9	57.0	57.0	57.0	57.1	57.1	57.4	57.7
10000 9000	55.6	56.2	56.6	57.1	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.6	57.7	57.7	58.1	58.4
8000 7000	57.3	58.0	58.4	59.0	59.2	59.2	59.4	59.6	59.6	59.7	59.7	59.7	59.8	59.8	60.1	60.4
6000 5000	61.6	62.5	62.9	63.8	64.0	64.0	64.1	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.8	65.2
4500 4000	63.7	65.6	67.0	67.8	68.1	68.1	68.2	68.4	68.4	68.5	68.5	68.5	68.6	68.6	68.9	69.2
3500 3000	71.3	72.3	72.7	73.5	73.8	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.6	74.9
2500 2000	74.3	75.3	75.7	76.6	76.8	76.8	76.9	77.1	77.1	77.2	77.2	77.2	77.3	77.3	77.7	78.1
1800 1500	78.1	77.2	77.6	78.5	78.9	78.9	79.0	79.2	79.2	79.4	79.4	79.4	79.5	79.5	79.9	80.2
1200 1000	80.6	81.8	82.3	83.1	83.5	83.5	83.7	83.9	83.9	84.0	84.0	84.0	84.1	84.1	84.5	84.8
900 800	82.7	83.9	84.3	85.2	85.6	85.6	85.7	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.6	86.9
700 600	84.8	86.0	86.5	87.3	87.7	87.7	87.8	88.1	88.1	88.2	88.2	88.2	88.4	88.4	88.8	89.1
500 400	86.5	87.6	88.2	89.0	89.5	89.5	89.6	89.8	89.8	89.9	89.9	89.9	90.1	90.1	90.5	90.9
300 200	88.4	89.6	90.1	91.0	91.4	91.4	91.5	91.7	91.7	91.8	91.8	91.8	92.0	92.0	92.5	92.8
100 0	9.1	90.3	90.9	91.7	92.2	92.2	92.3	92.5	92.5	92.6	92.6	92.6	92.8	92.8	93.2	93.5
	94.8	91.0	91.5	92.5	92.9	92.9	93.0	93.2	93.2	93.4	93.4	93.4	93.7	93.7	94.1	94.4
	90.2	91.5	92.0	93.0	93.5	93.7	93.8	94.0	94.0	94.2	94.2	94.2	94.4	94.4	94.8	95.2
	91.0	92.3	92.9	94.0	94.6	94.7	94.9	95.2	95.2	95.4	95.4	95.4	95.6	95.6	96.0	96.3
	92.0	93.5	94.2	95.3	95.9	96.0	96.3	96.6	96.6	96.8	96.8	96.8	97.0	97.0	97.4	97.7
	92.4	94.1	94.8	96.0	96.7	96.8	97.1	97.3	97.3	97.5	97.5	97.5	97.7	97.7	98.2	98.5
	92.9	94.6	95.4	96.7	97.3	97.4	97.7	98.0	98.0	98.2	98.2	98.2	98.4	98.4	98.8	99.1
	93.0	94.7	95.6	96.9	97.5	97.6	98.0	98.2	98.2	98.4	98.4	98.4	98.6	98.6	99.0	99.4
	93.0	94.7	95.7	97.0	97.6	97.8	98.2	98.4	98.4	98.6	98.6	98.6	98.8	98.8	99.2	99.6
	93.0	94.7	95.7	97.0	97.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.9	98.9	99.4	99.7
	93.2	94.9	95.9	97.2	98.0	98.2	98.5	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.6	99.9
	93.2	95.1	96.0	97.3	98.1	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.7	100.0
	93.2	95.1	96.0	97.3	98.1	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.2	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AFR EATER SERVICE/AC

CEILING VERSUS VISIBILITY

2371 FORT WILSON, ALASKA OUT APT

57-66

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0300

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.0	≥ 1	≥ .5	≥ .5	≥ .5	≥ .5	≥ 0
NO CEILING ≥ 20000	47.6	48.1	48.3	48.4	48.8	48.8	48.9	49.1	49.2	49.4	49.6	49.6	50.6	50.8	51.3
IV 18000	50.1	50.7	50.9	51.0	51.3	51.3	51.4	51.7	51.8	52.0	52.1	52.1	53.1	53.3	53.9
IV 16000	50.2	50.8	51.0	51.1	51.4	51.4	51.6	51.8	51.9	52.1	52.2	52.2	53.2	53.4	54.0
IV 14000	51.3	51.9	52.1	52.2	52.6	52.6	52.7	52.9	53.0	53.3	53.4	53.4	54.4	54.7	55.2
IV 12000	54.6	55.1	55.3	55.4	55.8	55.8	55.9	56.1	56.2	56.7	56.9	56.9	58.1	58.4	59.1
IV 10000	60.1	60.9	61.2	61.3	61.7	61.7	61.8	62.0	62.1	62.8	63.0	63.0	64.3	64.8	65.4
IV 9000	63.1	63.9	64.2	64.3	64.7	64.7	64.8	65.0	65.1	65.8	66.1	66.1	67.4	67.9	68.6
IV 8000	67.8	68.6	68.9	69.0	69.3	69.3	69.4	69.7	69.8	70.4	70.8	70.8	72.1	72.6	73.2
IV 7000	70.8	71.6	71.9	72.0	72.4	72.4	72.6	72.8	72.9	73.6	73.9	73.9	75.2	75.7	76.4
IV 6000	71.2	72.0	72.3	72.4	72.9	72.9	73.0	73.2	73.3	74.0	74.3	74.3	75.7	76.1	76.9
IV 5000	73.4	74.1	74.4	74.6	75.0	75.0	75.1	75.3	75.4	76.1	76.4	76.4	77.8	78.2	79.1
IV 4500	74.7	75.4	75.8	75.9	76.3	76.3	76.4	76.7	76.8	77.4	77.8	77.8	79.1	79.6	80.4
IV 4000	75.6	76.3	76.7	76.8	77.2	77.2	77.3	77.6	77.7	78.3	78.7	78.7	80.0	80.4	81.4
IV 3500	76.6	77.6	78.0	78.2	78.7	78.7	78.8	79.0	79.1	79.8	80.2	80.2	81.6	82.0	82.9
IV 3000	78.1	79.2	79.7	79.9	80.4	80.4	80.6	80.8	80.9	81.6	82.0	82.0	83.3	83.8	84.7
IV 2500	79.9	81.0	81.6	81.8	82.3	82.3	82.4	82.7	82.8	83.4	83.9	83.9	85.3	85.8	86.7
IV 2000	81.1	82.2	82.8	83.0	83.6	83.6	83.7	83.9	84.0	84.7	85.1	85.1	86.6	87.0	87.9
IV 1800	82.3	83.4	84.0	84.2	84.8	84.8	84.9	85.1	85.2	85.9	86.3	86.3	87.8	88.2	89.1
IV 1500	82.7	83.8	84.3	84.6	85.1	85.1	85.2	85.6	85.7	86.3	86.8	86.8	88.2	88.7	89.6
IV 1200	84.2	85.7	86.3	86.7	87.2	87.2	87.3	87.7	87.9	88.6	89.0	89.0	90.4	90.9	91.8
IV 1000	85.0	87.0	87.8	88.4	89.0	89.0	89.1	89.4	89.7	90.3	90.8	90.8	92.2	92.7	93.6
IV 900	85.1	87.1	87.9	88.6	89.1	89.1	89.3	89.7	89.9	90.6	91.0	91.0	92.4	92.9	93.8
IV 800	85.4	87.6	88.3	89.1	89.8	89.8	90.0	90.3	90.6	91.2	91.7	91.7	93.1	93.6	94.4
IV 700	85.7	88.1	89.0	89.8	90.4	90.4	90.8	91.1	91.3	92.1	92.6	92.6	94.0	94.4	95.3
IV 600	86.3	88.8	89.7	90.4	91.1	91.1	91.4	91.8	92.0	92.8	93.3	93.3	94.9	95.3	96.2
IV 500	86.4	88.9	89.8	90.6	91.3	91.3	91.8	92.1	92.3	93.1	93.7	93.7	95.3	95.8	96.7
IV 400	86.6	89.0	89.9	90.7	91.6	91.6	92.0	92.3	92.6	93.3	93.9	93.9	95.7	96.1	97.0
IV 300	86.6	89.0	89.9	90.7	91.6	91.7	92.1	92.6	92.8	93.6	94.1	94.1	96.0	96.4	97.3
IV 200	86.8	89.0	89.9	90.7	91.6	91.7	92.1	92.6	92.8	93.6	94.1	94.1	96.0	96.4	97.4
IV 100	86.8	89.0	89.9	90.7	91.6	91.7	92.1	92.6	92.8	93.6	94.1	94.1	96.0	96.4	97.4
IV 0	86.8	89.0	89.9	90.7	91.6	91.7	92.1	92.7	92.9	93.7	94.3	94.3	96.2	96.7	97.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
 SUPP ETAL
 DIS HEAT FOR A VICE/PAC

CEILING VERSUS VISIBILITY

STATION NAME ENT. CLSUN CL/PLSUN OUT APT 57-66

YEARS

SEP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-04-0300
 1954-1971

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	42.2	42.6	43.2	43.3	43.4	43.4	43.7	43.8	43.8	44.6	45.0	45.0	46.9	47.2	47.7	50.3
≥ 20000	44.4	44.6	45.4	45.6	45.7	45.7	45.9	46.0	46.0	46.8	47.2	47.2	49.1	49.4	49.9	52.6
≥ 18000	44.4	44.6	45.4	45.6	45.7	45.7	45.9	46.0	46.0	46.8	47.2	47.2	49.1	49.4	49.9	52.6
≥ 16000	44.4	44.6	45.4	45.6	45.7	45.7	45.9	46.0	46.0	46.8	47.2	47.2	49.1	49.4	49.9	52.6
≥ 14000	45.2	45.7	47.3	47.4	47.0	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 12000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 10000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 9000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 8000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 7000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 6000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 5000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 4500	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 4000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 3500	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 3000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 2500	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 2000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 1800	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 1600	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 1400	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 1200	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 1000	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 900	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 800	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 700	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 600	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 500	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 400	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 300	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 200	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 100	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7
≥ 0	44.8	45.2	47.0	47.1	47.2	47.6	47.9	48.0	48.0	48.9	49.3	49.3	51.2	51.6	52.0	54.7

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
111 EAST 101 STREET

CEILING VERSUS VISIBILITY

STATION PORT WILSON, MISSOURI W-66

STATION NAME

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

FORM 10-100

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	31.7	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.2	32.6	33.1	33.7	34.1	34.3	35.2
≥ 20000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
18000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
16000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
14000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
12000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
10000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
9000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
8000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
7000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
6000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
5000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
4500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
4000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
3500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
3000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
2500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
2000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
1800	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
1500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
1200	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
1000	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
900	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
800	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
700	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
600	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
500	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
400	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
300	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
200	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
100	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0
0	30.7	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.6	32.2	32.8	33.7	33.9	34.0

TOTAL NUMBER OF OBSERVATIONS

900

ATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

2521A STATION NAME FIRST NELSON BC/PRISKWA OUT APT

57-66

YEARS

FP
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-1100
HOURS (L.S.T.)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	38.4	39.1	39.1	39.2	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
IV 25000	46.6	46.8	47.0	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
IV 18000	46.9	47.1	47.3	47.4	47.4	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
IV 16000	47.0	47.2	47.4	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
IV 14000	46.3	46.6	46.8	46.9	46.9	46.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
IV 12000	42.7	42.9	43.1	43.3	43.3	43.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
IV 10000	59.6	59.8	60.0	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
IV 9000	62.6	62.8	63.0	63.2	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
IV 8000	67.3	67.7	67.9	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
IV 7000	69.1	69.4	69.7	69.9	70.0	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
IV 6000	69.2	69.6	69.8	70.0	70.1	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
IV 5000	70.1	70.6	70.8	71.0	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
IV 4500	70.8	71.2	71.4	71.7	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
IV 4000	72.0	72.4	72.7	72.9	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
IV 3500	72.7	73.1	73.3	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
IV 3000	73.6	74.0	74.2	74.4	74.6	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
IV 2500	74.7	75.1	75.3	75.6	75.7	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
IV 2000	76.6	77.1	77.3	77.7	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
IV 1800	77.1	77.7	77.9	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1500	77.1	77.8	78.0	78.2	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
IV 1200	78.0	78.4	78.6	78.9	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 1000	78.3	78.6	78.8	79.1	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
IV 900	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 800	78.1	78.4	78.6	78.9	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
IV 700	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 600	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 500	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 400	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 300	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 200	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 100	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
IV 0	78.2	78.5	78.7	79.0	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
SAC, LTA
AIR, EAST OF MEXICO/AC

CEILING VERSUS VISIBILITY

STATION NAME: POINT PLEASANT, MISSOURI STATION NO: 27-66

YEARS: 1966

PER MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1-00-1400

CEILING FEET	VISIBILITY, STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
≥ 2000	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
1800	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
1600	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
1400	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
1200	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
1000	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
900	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
800	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
700	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
600	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
500	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
450	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
400	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
350	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
300	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
2500	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
1800	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
1500	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
1200	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1000	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
900	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
800	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
700	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
600	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
500	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
400	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
300	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
200	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 200

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE HEADQUARTERS

CEILING VERSUS VISIBILITY

STATION: 100-1700 DATE: 1-1-66 YEAR: 1966 MONTH: 1

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	≥ 0
20000	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
18000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
16000	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
14000	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
12000	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
10000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
8000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
6000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
5000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
4500	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
4000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
3500	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
3000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2500	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
2000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
1800	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
1500	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
1200	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
1000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
900	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
800	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
700	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
600	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
500	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
400	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
300	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 100

WFO PRINCIPAL OFFICE
OFFICE OF THE
DIRECTOR OF THE AIR FORCE

CEILING VERSUS VISIBILITY

STATION NAME WFO DATE 5-7-66 YEARS 11
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) MONTHLY TOTAL 1000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ .05	≥ .01	≥ 0
≥ 2500	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
≥ 2000	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 1800	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
≥ 1600	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
≥ 1400	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
≥ 1200	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
≥ 1000	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
≥ 900	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
≥ 800	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
≥ 700	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
≥ 600	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
≥ 500	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
≥ 450	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
≥ 400	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
≥ 350	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
≥ 300	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
≥ 250	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
≥ 200	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
≥ 1800	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
≥ 1600	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
≥ 1400	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
≥ 1200	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
≥ 1000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
≥ 900	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
≥ 800	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 700	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
≥ 600	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 500	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 400	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 300	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 200	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 100	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
≥ 0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0

TOTAL NUMBER OF OBSERVATIONS 900

ATA PROFESSION DIVISION
USAF ETAC
AIR EATING LEWIS/AC

CEILING VERSUS VISIBILITY

STATION NAME CL-1 EL PASO BL/MSR ALT 57-66 YEARS 210-2300
MONTH 10-11

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .16	≥ .1	≥ 0
NO CEILING	2.4	52.9	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.3	53.4	53.4	53.8	53.9	54.7	54.2
IV 20000	54.9	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.6	55.6	55.9	56.0	56.3	56.3
IV 18000	54.9	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.6	55.6	55.9	56.0	56.3	56.3
IV 16000	54.9	55.0	55.0	55.0	55.2	55.2	55.2	55.2	55.2	55.4	55.6	55.6	55.9	56.0	56.3	56.3
IV 14000	56.2	56.3	56.3	56.3	56.6	56.6	56.6	56.6	56.6	56.8	56.9	56.9	57.2	57.3	57.7	57.7
IV 12000	56.6	56.7	56.7	56.7	56.9	56.9	56.9	56.9	56.9	57.1	57.2	57.2	57.6	57.7	58.0	58.0
IV 10000	66.6	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.2	67.2	67.7	67.8	68.1	68.1
IV 9000	66.6	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	67.1	67.2	67.2	67.7	67.8	68.1	68.1
IV 8000	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.9	74.1	74.2	74.2	74.7	74.8	75.1	75.1
IV 7000	73.4	73.6	73.6	73.6	73.8	73.8	73.8	73.8	73.9	74.1	74.2	74.2	74.7	74.8	75.1	75.1
IV 6000	79.2	79.3	79.3	79.3	79.6	79.6	79.6	79.7	79.7	79.9	80.0	80.0	80.6	80.7	81.0	81.0
IV 5000	81.2	81.4	81.4	81.4	81.7	81.7	81.7	81.8	81.8	82.0	82.1	82.1	82.7	82.8	83.1	83.1
IV 4500	82.4	82.7	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.2	83.3	83.3	83.9	84.0	84.3	84.3
IV 4000	82.4	82.7	82.7	82.7	82.9	82.9	82.9	83.0	83.0	83.2	83.3	83.3	83.9	84.0	84.3	84.3
IV 3500	84.8	85.2	85.2	85.2	85.4	85.4	85.4	85.6	85.6	85.8	85.9	85.9	86.4	86.6	86.9	86.9
IV 3000	85.9	86.2	86.3	86.3	86.7	86.7	86.7	86.8	86.8	87.0	87.1	87.1	87.7	87.8	88.1	88.1
IV 2500	87.6	87.9	87.9	87.9	88.3	88.3	88.3	88.4	88.4	88.7	88.8	88.8	89.3	89.4	89.8	89.8
IV 2000	90.9	90.4	90.4	90.4	90.9	90.9	90.9	91.0	91.0	91.2	91.3	91.3	91.9	92.0	92.3	92.3
IV 1800	90.0	91.2	91.2	91.2	91.7	91.7	91.7	91.9	91.9	92.1	92.2	92.2	92.8	92.9	93.2	93.2
IV 1600	91.0	92.6	92.6	92.6	93.1	93.1	93.1	93.3	93.3	93.7	94.0	94.0	94.6	94.7	95.0	95.0
IV 1400	93.1	94.1	94.2	94.2	95.0	95.0	95.0	95.2	95.2	95.6	96.0	96.0	96.6	96.7	97.0	97.0
IV 1200	93.1	94.1	94.2	94.2	95.0	95.0	95.0	95.2	95.2	95.6	96.0	96.0	96.6	96.7	97.0	97.0
IV 1000	93.0	94.6	94.7	94.7	95.6	95.6	95.7	95.9	95.9	96.2	96.7	96.7	97.2	97.3	97.7	97.7
IV 900	93.0	94.6	94.7	94.7	95.6	95.6	95.7	95.9	95.9	96.2	96.7	96.7	97.2	97.3	97.7	97.7
IV 800	93.0	94.6	94.7	94.7	95.6	95.6	95.7	95.9	95.9	96.2	96.7	96.7	97.2	97.3	97.7	97.7
IV 700	93.0	94.6	94.7	94.7	95.6	95.6	95.7	95.9	95.9	96.2	96.7	96.7	97.2	97.3	97.7	97.7
IV 600	94.1	95.3	95.4	95.4	96.3	96.3	96.3	96.6	96.6	96.8	97.1	97.6	97.6	98.1	98.6	98.6
IV 500	94.1	95.3	95.4	95.4	96.3	96.3	96.3	96.6	96.6	96.8	97.1	97.6	97.6	98.1	98.6	98.6
IV 400	94.1	95.3	95.4	95.4	96.3	96.3	96.3	96.6	96.6	96.8	97.1	97.6	97.6	98.1	98.6	98.6
IV 300	94.1	95.3	95.4	95.4	96.3	96.3	96.3	96.6	96.6	96.8	97.1	97.6	97.6	98.1	98.6	98.6
IV 200	94.1	95.3	95.4	95.4	96.3	96.3	96.3	96.6	96.6	96.8	97.1	97.6	97.6	98.1	98.6	98.6
IV 100	94.1	95.3	95.4	95.4	96.3	96.3	96.3	96.6	96.6	96.8	97.1	97.6	97.6	98.1	98.6	98.6
IV 0	94.1	95.3	95.4	95.4	96.3	96.3	96.3	96.6	96.6	96.8	97.1	97.6	97.6	98.1	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

24214 FORT NELSON, BC/ALASKA DIST ACT

57-60

YEARS

CI

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0200

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
NO CEILING ≥ 20000	51.2	51.3	51.7	51.7	51.8	51.9	51.9	51.9	51.9	51.9	52.0	52.2	52.6	52.6	52.6	52.9
≥ 18000	55.6	55.7	56.1	56.1	56.2	56.3	56.3	56.5	56.5	56.5	56.6	56.7	56.8	57.2	57.2	57.5
≥ 16000	56.0	56.1	56.6	56.6	56.7	56.6	56.9	56.9	56.9	57.0	57.1	57.2	57.6	57.6	57.6	58.0
≥ 14000	58.2	58.3	58.7	58.7	58.8	58.9	59.0	59.0	59.0	59.1	59.2	59.4	59.8	59.8	59.8	60.1
≥ 12000	61.5	61.7	62.2	62.2	62.3	62.4	62.5	62.5	62.5	62.6	62.7	62.8	63.2	63.2	63.2	63.5
≥ 10000	65.1	65.4	65.9	65.9	66.0	66.1	66.2	66.2	66.2	66.3	66.3	66.6	67.2	67.2	67.2	67.6
≥ 9000	68.8	69.7	69.7	69.7	69.5	69.6	69.7	69.7	69.7	69.8	69.9	70.0	70.6	70.6	70.6	71.0
≥ 8000	70.6	71.1	71.6	71.7	71.8	71.8	72.0	72.0	72.0	72.2	72.3	72.4	73.0	73.0	73.0	73.3
≥ 7000	72.7	73.0	73.5	73.7	73.8	73.9	74.1	74.1	74.1	74.2	74.3	74.4	75.1	75.1	75.2	75.5
≥ 6000	73.5	73.9	74.4	74.5	74.6	74.7	74.9	74.9	74.9	75.1	75.2	75.3	75.9	75.9	76.1	76.6
≥ 5000	75.5	75.8	76.3	76.6	76.8	76.9	77.1	77.2	77.2	77.3	77.4	77.5	78.2	78.2	78.4	78.7
≥ 4500	76.5	76.7	77.3	77.4	77.6	77.7	78.1	78.2	78.2	78.3	78.4	78.5	79.1	79.1	79.4	79.7
≥ 4000	77.8	78.2	78.8	78.9	79.1	79.2	79.7	79.7	79.8	79.9	80.0	80.1	80.8	80.8	81.0	81.3
≥ 3500	78.6	79.0	79.7	79.8	80.0	80.1	80.5	80.8	80.8	80.9	81.0	81.1	81.7	81.7	81.9	82.3
≥ 3000	79.0	79.5	80.1	80.3	80.8	80.9	81.3	81.5	81.5	81.6	81.8	81.9	82.6	82.6	82.8	83.1
≥ 2500	79.7	80.1	80.9	81.1	81.5	81.6	82.0	82.3	82.3	82.6	82.9	83.1	83.7	83.7	83.9	84.3
≥ 2000	80.9	81.4	82.3	82.5	83.0	83.2	84.1	84.6	84.6	84.9	85.4	85.5	86.1	86.1	86.3	86.8
≥ 1800	82.2	82.7	83.5	83.8	84.3	84.5	85.5	86.5	86.5	86.8	87.3	87.4	88.1	88.1	88.4	88.7
≥ 1500	83.5	84.3	85.2	85.4	85.9	86.1	87.3	88.3	88.3	88.7	89.2	89.7	90.3	90.3	90.5	91.0
≥ 1200	84.7	85.6	86.6	86.8	87.3	87.5	88.7	89.7	89.7	90.1	90.9	91.1	91.9	91.9	92.2	92.8
≥ 900	85.1	86.1	87.1	87.5	88.1	88.3	89.5	90.5	90.5	91.1	91.9	92.4	93.0	93.0	93.2	93.9
≥ 800	85.4	86.6	87.5	88.0	88.5	88.7	89.9	91.0	91.0	91.5	92.5	92.9	93.5	93.5	93.8	94.4
≥ 700	86.0	87.2	88.2	88.6	89.2	89.5	90.6	91.7	91.7	92.3	93.3	93.4	94.4	94.4	94.6	95.3
≥ 600	86.6	87.7	88.7	89.1	89.6	90.0	91.2	92.3	92.3	92.8	93.9	94.3	94.9	94.9	95.2	95.9
≥ 500	87.1	88.3	89.2	89.7	90.3	90.5	91.7	92.8	92.8	93.4	94.6	95.1	95.8	95.8	96.0	96.7
≥ 400	87.6	88.8	89.8	90.3	91.0	91.2	92.4	93.7	93.7	94.3	95.5	95.9	96.7	96.7	96.9	97.5
≥ 300	87.6	88.9	89.9	90.4	91.1	91.3	92.6	93.9	93.9	94.7	95.9	96.3	97.2	97.2	97.4	98.1
≥ 200	87.6	88.9	89.9	90.4	91.1	91.3	92.6	93.9	93.9	94.7	95.9	96.3	97.2	97.2	97.4	98.1
≥ 100	87.7	89.0	90.0	90.5	91.2	91.4	92.7	94.0	94.0	94.8	96.1	96.6	97.6	97.7	98.2	99.1
≥ 50	87.7	89.0	90.0	90.5	91.2	91.4	92.7	94.0	94.0	94.8	96.1	96.6	97.6	97.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 210

DATA PROCESSING DIVISION
USAF ETAC
AIRCRAFT SERVICE/NAO

CEILING VERSUS VISIBILITY

25213 STATION NO. PORT WILSON, LA STATION NAME PORT WILSON 57-66 YEARS CT MONTH 0300-0500
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING ≥ 20000	49.0	49.7	49.9	49.9	50.0	50.0	50.0	50.1	50.1	50.3	50.4	50.4	50.9	51.0	51.5	51.6
18000	52.4	53.0	53.2	53.2	53.3	53.3	53.3	53.5	53.5	53.8	53.9	53.9	54.3	54.4	54.7	55.1
16000	53.1	53.2	53.4	53.4	53.5	53.5	53.5	53.8	53.8	54.0	54.1	54.1	54.5	54.6	54.7	55.3
14000	56.0	56.1	56.3	56.3	56.5	56.5	56.5	56.7	56.7	56.9	57.0	57.0	57.4	57.5	58.1	58.7
12000	60.1	60.2	60.4	60.4	60.5	60.5	60.6	60.9	60.9	61.1	61.2	61.2	61.6	61.7	62.3	62.4
10000	64.5	64.6	64.9	64.9	65.1	65.1	65.2	65.4	65.4	65.6	65.7	65.7	66.1	66.2	67.0	67.1
9000	67.2	67.3	67.6	67.6	67.8	67.8	68.0	68.2	68.2	68.4	68.5	68.5	68.9	69.0	69.8	69.9
8000	69.7	69.8	70.1	70.1	70.3	70.3	70.4	70.6	70.6	70.9	71.0	71.0	71.4	71.5	72.3	72.4
7000	73.0	73.4	74.2	74.2	74.5	74.5	74.6	74.8	74.8	75.1	75.2	75.2	75.6	75.7	76.5	76.6
6000	74.6	74.7	75.1	75.1	75.4	75.4	75.5	75.7	75.7	75.9	76.0	76.0	76.5	76.6	77.3	77.4
5000	76.2	76.3	76.7	76.7	77.0	77.0	77.1	77.3	77.3	77.5	77.6	77.6	78.1	78.2	78.9	79.0
4500	76.9	77.2	77.5	77.5	78.0	78.0	78.1	78.3	78.3	78.5	78.6	78.6	79.0	79.1	79.9	80.0
4000	78.3	78.6	78.9	78.9	79.4	79.4	79.5	79.7	79.7	79.9	80.0	80.0	80.4	80.5	81.4	81.4
3500	79.4	79.6	80.2	80.2	80.8	80.8	80.9	81.1	81.1	81.3	81.4	81.4	81.8	81.9	82.7	82.8
3000	80.1	80.2	81.0	81.0	81.8	81.8	81.9	82.2	82.2	82.4	82.5	82.5	82.9	83.0	83.8	83.9
2500	80.8	81.3	81.7	81.7	82.7	82.7	83.1	83.4	83.4	83.9	84.1	84.1	84.5	84.6	85.4	85.5
2000	81.5	82.0	82.5	82.5	83.7	83.7	84.2	84.6	84.6	85.2	85.5	85.5	85.9	86.0	86.8	86.9
1800	81.7	82.3	82.7	82.7	83.9	83.9	84.4	84.8	84.8	85.4	85.7	85.7	86.1	86.2	87.0	87.1
1500	82.6	83.3	83.8	83.8	85.1	85.1	85.8	86.2	86.2	86.8	87.2	87.2	87.6	87.7	88.5	88.6
1200	83.5	84.3	84.8	84.8	86.3	86.3	86.9	87.3	87.3	87.8	88.6	88.6	89.0	89.1	89.9	90.0
1000	84.8	85.6	86.1	86.1	87.6	87.6	88.3	88.7	88.7	89.4	90.5	90.5	91.1	91.2	91.9	92.0
900	85.3	86.1	86.7	86.7	88.2	88.2	88.8	89.2	89.2	90.0	91.2	91.2	91.9	92.0	92.8	92.9
800	85.5	86.5	87.0	87.0	88.7	88.7	89.5	89.9	89.9	90.6	91.9	91.9	92.8	92.9	93.7	93.8
700	86.0	86.6	87.1	87.1	88.8	88.8	89.6	90.0	90.0	90.9	92.2	92.2	93.1	93.2	94.0	94.2
600	86.2	87.2	87.8	87.8	89.7	89.7	90.5	91.1	91.1	91.9	93.2	93.2	94.2	94.3	95.1	95.3
500	87.0	88.0	88.6	88.6	90.4	90.4	91.7	92.3	92.3	93.1	94.4	94.4	95.4	95.5	96.2	96.4
400	87.5	88.5	89.1	89.1	91.0	91.0	92.3	92.8	92.8	93.7	94.9	94.9	95.9	96.1	96.9	97.1
300	87.6	88.6	89.2	89.2	91.1	91.1	92.4	92.9	92.9	93.9	95.3	95.3	96.6	96.6	97.5	97.7
200	87.6	88.7	89.4	89.4	91.2	91.2	92.5	93.0	93.0	94.0	95.4	95.4	97.2	97.4	98.2	98.4
100	87.6	88.7	89.4	89.4	91.2	91.2	92.5	93.0	93.0	94.0	95.4	95.7	97.8	98.1	99.1	99.4
0	87.9	88.7	89.4	89.4	91.2	91.2	92.5	93.0	93.0	94.0	95.4	95.7	97.8	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 10-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE (AW)

CEILING VERSUS VISIBILITY

25210 FUEL WELSON BC/NUSKKA BUT APT

57-66

YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

6600-0100
GROUP (IC 1)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	40.9	41.0	41.0	41.1	41.1	41.1	41.1	41.2	41.2	41.2	41.4	41.5	41.9	42.2	42.3	42.6
IV 20000	44.3	44.6	44.6	44.7	44.7	44.7	44.7	44.8	44.8	44.8	45.1	45.2	45.7	45.7	46.2	46.9
IV 18000	44.7	44.8	44.8	44.9	44.9	44.9	44.9	45.1	45.1	45.1	45.3	45.4	45.9	46.1	46.5	47.1
IV 16000	45.2	45.3	45.3	45.4	45.4	45.4	45.4	45.5	45.5	45.5	45.7	45.7	46.3	46.6	46.9	47.5
IV 14000	47.0	47.1	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.5	47.5	48.2	48.4	48.7	49.4
IV 12000	51.7	51.6	51.9	52.0	52.0	52.0	52.0	52.2	52.2	52.2	52.4	52.5	53.1	53.3	53.5	54.4
IV 10000	57.5	57.7	57.8	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.3	58.4	59.1	59.4	59.9	60.5
IV 9000	53.2	63.4	63.5	63.7	63.7	63.7	63.7	63.8	63.8	63.8	64.0	64.1	64.8	65.1	65.6	66.2
IV 8000	68.4	68.6	68.7	68.9	68.9	68.9	68.9	69.0	69.0	69.0	69.2	69.4	70.1	70.3	70.9	71.5
IV 7000	72.6	72.6	72.6	73.0	73.0	73.0	73.0	73.4	73.5	73.5	73.5	73.8	73.9	74.6	74.8	75.0
IV 6000	72.6	72.6	72.9	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.8	73.9	74.6	74.8	75.4	76.0
IV 5000	76.5	76.7	76.8	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.7	77.8	78.7	78.9	79.4	80.3
IV 4500	75.2	75.4	75.5	75.9	76.3	76.3	76.3	76.5	76.5	76.5	76.8	76.9	77.6	77.8	78.5	79.1
IV 4000	76.0	76.2	76.3	76.9	77.3	77.3	77.3	77.4	77.4	77.4	77.7	77.8	78.7	78.9	79.4	80.3
IV 3500	76.9	77.1	77.3	77.8	78.3	78.3	78.3	78.4	78.4	78.4	78.7	78.8	79.7	79.9	80.5	81.3
IV 3000	78.1	78.3	78.5	79.1	79.6	79.6	79.6	79.8	79.9	79.9	80.2	80.3	81.2	81.4	82.0	82.8
IV 2500	79.7	80.1	80.4	81.1	81.5	81.5	81.7	81.8	81.8	82.0	82.5	82.5	83.4	83.7	84.3	85.1
IV 2000	80.4	81.1	81.4	82.0	82.6	82.6	82.8	82.9	82.9	83.3	83.8	83.9	84.7	84.9	85.6	86.3
IV 1800	80.6	81.3	81.6	82.3	82.8	82.8	83.0	83.1	83.1	83.5	84.0	84.1	84.9	85.2	85.8	86.6
IV 1500	81.3	82.2	82.5	83.2	83.9	83.9	84.1	84.2	84.2	84.6	85.1	85.2	86.0	86.3	87.0	87.7
IV 1200	82.2	83.1	83.5	84.4	85.1	85.1	85.3	85.5	85.5	85.9	86.6	86.7	87.5	87.8	88.5	89.2
IV 1000	83.1	84.1	84.9	85.8	86.5	86.5	86.9	87.1	87.1	87.6	88.6	88.7	89.6	89.9	90.5	91.3
IV 900	83.3	84.3	85.2	86.3	87.1	87.1	87.5	87.7	87.7	88.3	89.2	89.4	90.5	90.9	91.5	92.3
IV 800	83.5	84.5	85.5	86.9	87.5	87.5	88.0	88.2	88.2	88.7	89.7	90.0	91.2	91.7	92.4	93.1
IV 700	83.9	84.8	85.8	87.2	87.8	87.8	88.4	88.7	88.7	89.2	90.2	90.3	91.7	92.3	92.9	93.7
IV 600	84.3	85.3	86.5	87.8	88.5	88.5	89.1	89.5	89.5	90.0	91.0	91.3	92.5	93.1	93.6	94.4
IV 500	85.1	86.2	87.4	89.0	89.7	89.7	90.5	91.1	91.1	91.6	92.6	92.9	94.1	94.7	95.4	96.2
IV 400	85.1	86.5	87.6	89.2	89.9	89.9	90.9	91.5	91.5	92.0	93.0	93.3	94.6	95.4	96.0	96.9
IV 300	85.3	86.8	88.0	89.6	90.2	90.2	91.4	92.0	92.0	92.6	93.8	94.1	95.8	96.7	97.3	98.2
IV 200	85.4	86.9	88.1	89.7	90.3	90.3	91.5	92.2	92.4	93.2	94.4	94.7	96.7	97.5	98.4	99.2
IV 100	85.4	86.9	88.1	89.7	90.3	90.3	91.5	92.2	92.4	93.2	94.4	94.7	96.7	97.5	98.4	99.9
IV 0	85.4	86.9	88.1	89.7	90.3	90.3	91.5	92.2	92.4	93.2	94.4	94.7	96.7	97.5	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS

930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25213

FORT NELSON BC/HUSKWA DUT APT

37-66

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0900-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	19.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
IV 20000	20.0	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
IV 18000	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 16000	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
IV 14000	52.0	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
IV 12000	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
IV 10000	60.4	61.0	61.0	61.0	61.0	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
IV 9000	65.7	65.8	65.8	65.8	65.8	65.8	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
IV 8000	72.5	72.6	72.6	72.6	72.6	72.6	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
IV 7000	74.3	74.4	74.4	74.4	74.4	74.4	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
IV 6000	74.8	74.9	74.9	74.9	74.9	74.9	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
IV 5000	76.1	76.2	76.2	76.2	76.2	76.2	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
IV 4500	76.7	76.8	76.8	76.8	76.8	76.8	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
IV 4000	77.3	77.5	77.5	77.5	77.5	77.5	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
IV 3500	77.8	78.1	78.1	78.1	78.1	78.1	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
IV 3000	78.6	78.8	78.8	78.8	78.8	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 2500	79.9	80.1	80.1	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
IV 2000	81.1	81.7	81.7	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
IV 1800	81.9	82.8	82.8	82.8	82.8	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
IV 1500	82.9	84.0	84.1	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
IV 1200	84.8	86.1	86.3	86.3	86.3	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
IV 1000	86.3	87.4	88.2	88.2	88.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
IV 900	87.1	88.4	89.1	89.1	89.1	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
IV 800	87.2	88.5	89.2	89.2	89.2	89.2	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
IV 700	88.0	89.4	90.2	90.2	90.2	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
IV 600	88.1	89.6	90.5	90.5	90.5	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
IV 500	88.5	90.0	91.1	91.1	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
IV 400	88.9	90.5	91.6	91.6	91.6	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
IV 300	89.2	90.9	92.3	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 200	89.2	90.9	92.3	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 100	89.2	90.9	92.3	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
IV 0	89.2	90.9	92.3	92.3	92.3	92.3	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0

TOTAL NUMBER OF OBSERVATIONS 930

USAF ETAC FORM 0-14-5 (OL 1) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
WIDE AREA SERVICE/ETAC

CEILING VERSUS VISIBILITY

25210 FORT WELSON, CALIFORNIA OUT APT

57-66

YEARS

CT

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1200-1400

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ 0.75	≥ 0.5	≥ 0.25	≥ 0.15	≥ 0.1	≥ 0
NO CEILING	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
IV 20000	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
IV 18000	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
IV 16000	50.4	50.4	50.4	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
IV 14000	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
IV 12000	56.0	56.0	56.0	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
IV 10000	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
IV 9000	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
IV 8000	70.3	70.3	70.3	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
IV 7000	72.6	72.6	72.6	72.6	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
IV 6000	73.5	73.5	73.5	73.5	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
IV 5000	75.1	75.1	75.1	75.2	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
IV 4500	75.7	75.7	75.7	75.8	76.0	76.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
IV 4000	76.6	76.6	76.6	76.9	77.0	77.2	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8
IV 3500	77.8	77.8	78.2	78.3	78.5	78.5	78.9	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
IV 3000	79.4	79.4	79.7	79.8	80.0	80.0	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
IV 2500	80.0	80.0	81.0	81.1	81.3	81.3	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
IV 2000	82.4	82.4	82.9	83.1	83.4	83.4	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1
IV 1800	83.0	83.4	83.8	84.0	84.4	84.4	84.8	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
IV 1500	85.7	86.1	86.6	86.9	87.3	87.3	87.8	88.1	88.1	88.3	88.7	88.7	88.7	88.7	88.7	88.7
IV 1200	88.3	89.0	89.5	89.8	90.2	90.2	90.8	91.1	91.1	91.5	91.9	91.9	91.9	91.9	91.9	91.9
IV 1000	90.2	91.2	91.9	91.9	92.5	92.5	93.0	93.3	93.3	93.9	94.4	94.4	94.4	94.4	94.4	94.4
IV 900	90.3	91.3	91.7	92.0	92.6	92.6	93.2	93.5	93.5	94.2	94.9	95.1	95.2	95.2	95.2	95.2
IV 800	91.3	92.3	92.8	93.1	93.7	93.7	94.3	94.5	94.6	95.3	96.0	96.1	96.2	96.3	96.3	96.3
IV 700	91.7	92.7	93.2	93.7	94.2	94.2	94.8	95.2	95.2	95.8	96.6	96.7	96.8	96.9	96.9	96.9
IV 600	92.2	93.3	93.9	94.3	94.8	94.8	95.6	95.9	95.9	96.6	97.3	97.4	97.6	97.7	97.7	97.7
IV 500	92.3	94.0	94.6	95.1	95.6	95.6	96.5	96.8	96.8	97.4	98.4	98.4	98.9	99.0	99.0	99.0
IV 400	92.5	94.2	94.8	95.3	95.8	95.8	96.7	97.0	97.0	97.6	98.6	98.7	99.1	99.2	99.2	99.2
IV 300	92.6	94.3	94.9	95.4	96.1	96.1	97.0	97.3	97.3	98.0	98.9	99.0	99.6	99.7	99.7	99.7
IV 200	92.6	94.4	95.1	95.5	96.2	96.2	97.1	97.4	97.4	98.1	99.1	99.1	99.7	99.8	100.0	100.0
IV 100	92.6	94.4	95.1	95.5	96.2	96.2	97.1	97.4	97.4	98.1	99.0	99.1	99.7	99.8	100.0	100.0
IV 0	92.6	94.4	95.1	95.5	96.2	96.2	97.1	97.4	97.4	98.1	99.0	99.1	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/AAC

CEILING VERSUS VISIBILITY

2521A
STATION

FORT NELSON BC/BUSSON OUT APT

57-66

YEARS

1 CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-01-2000
MONTH

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .4	≥ .25	≥ .1	≥ 0
NO CEILING	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.7
IV 23000	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	55.1	55.1	55.1	55.1	55.2	55.2	55.4
IV 18000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.4	55.5	55.6
IV 16000	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.1	56.1	56.2	56.2	56.3	56.5
IV 14000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.0	58.0	58.0	58.1	58.1	58.2	58.3
IV 12000	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.8	61.9
IV 10000	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.1	68.1	68.1	68.2	68.2	68.3	68.4
IV 9000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0	72.0	72.0	72.2	72.2	72.3	72.4
IV 8000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.9	74.9	74.9	75.1	75.1	75.2	75.3
IV 7000	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.9	77.0
IV 6000	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.7	77.7	77.7	77.8	77.8	78.0	78.1
IV 5000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.8	79.8	80.0	80.0	80.0	80.1	80.1	80.2	80.3
IV 4500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.3	80.3	80.3	80.4	80.5	80.6
IV 4000	80.9	81.3	81.3	81.4	81.4	81.4	81.4	81.6	81.6	81.8	81.8	81.8	81.9	81.9	82.0	82.2
IV 3500	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.6	82.7	82.7	82.9	82.9	82.9	83.0	83.1	83.2
IV 3000	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.4	83.5	83.5	83.8	83.8	83.8	83.9	84.0	84.1
IV 2500	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.8	84.9	84.9	85.3	85.3	85.5	85.6	85.7	85.8
IV 2000	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.9	87.3	87.3	87.7	88.1	88.1	88.2	88.3	88.4
IV 1800	87.3	87.3	87.3	87.4	87.4	87.4	87.4	87.7	88.2	88.2	88.6	88.9	88.9	89.0	89.1	89.2
IV 1500	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.7	89.6	89.6	90.0	90.3	90.3	90.4	90.5	90.6
IV 1200	88.9	88.9	88.9	89.0	89.0	89.0	89.0	90.1	91.1	91.1	91.8	92.3	92.3	92.4	92.5	92.6
IV 1000	89.0	89.0	89.0	89.2	89.2	89.2	89.2	90.3	91.1	91.1	92.0	92.0	92.9	93.3	93.4	93.8
IV 900	90.6	90.6	90.6	90.7	90.7	90.7	90.7	91.8	92.8	92.8	93.7	94.3	94.4	94.5	94.5	94.7
IV 800	91.2	91.2	91.2	91.3	91.3	91.3	91.3	92.9	94.1	94.1	94.9	96.1	96.2	96.3	96.3	96.6
IV 700	91.5	91.5	91.5	91.6	91.6	91.6	91.6	92.9	94.8	94.8	95.8	97.1	97.2	97.3	97.3	97.5
IV 600	92.4	92.4	92.4	92.5	92.5	92.5	92.5	94.7	95.9	95.9	96.9	98.3	98.4	98.5	98.6	98.7
IV 500	92.6	92.6	92.6	92.7	92.7	92.7	92.7	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 400	92.6	92.6	92.6	92.7	92.7	92.7	92.7	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 300	92.6	92.6	92.6	92.7	92.7	92.7	92.7	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 200	92.6	92.6	92.6	92.7	92.7	92.7	92.7	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 100	92.6	92.6	92.6	92.7	92.7	92.7	92.7	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9
IV 0	92.6	92.6	92.6	92.7	92.7	92.7	92.7	94.7	95.9	95.9	96.9	98.4	98.5	98.7	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 240

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HQ

CEILING VERSUS VISIBILITY

25213
STATION

FORT NELSON BC/MUSKOKA C.T. APT
STATION NAME

57-66
YEARS

CT
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

2100-2300
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 1/4	≥ 0
NO CEILING ≥ 20000	50.0	51.0	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.2	51.2	51.3	51.5
≥ 18000 NW 16000	55.4	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.9	55.9	55.9	56.0	56.0	56.1	56.3
≥ 14000 NW 12000	56.2	56.6	56.6	56.6	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9	56.9	57.0	57.2
≥ 10000 NW 9000	58.0	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.6	58.6	58.6	58.7	58.7	58.8	59.0
≥ 8000 NW 7000	61.5	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.3	62.3	62.4	62.6
≥ 6000 NW 5000	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	69.0	69.1	69.1	69.2	69.2	69.4	69.7
≥ 4500 NW 4000	70.9	71.2	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.9	72.3
≥ 3500 NW 3000	73.2	73.5	73.7	73.7	73.8	73.8	73.8	73.8	73.8	74.0	74.1	74.1	74.2	74.2	74.3	74.6
≥ 2500 NW 2000	75.5	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.6	76.7	76.7	76.8	76.8	76.9	77.2
≥ 1800 NW 1500	76.1	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.3	77.3	77.4	77.4	77.5	77.8
≥ 1200 NW 1000	78.3	79.0	79.2	79.2	79.4	79.4	79.6	79.6	79.6	79.8	79.9	79.9	80.0	80.0	80.1	80.4
≥ 900 NW 800	78.5	79.2	79.6	79.6	79.7	79.7	79.9	79.9	79.9	80.1	80.2	80.2	80.3	80.3	80.4	80.8
≥ 700 NW 600	79.4	80.1	80.4	80.5	80.9	80.9	81.1	81.1	81.1	81.3	81.4	81.4	81.5	81.5	81.6	81.9
≥ 500 NW 400	80.4	81.2	81.5	81.7	82.0	82.0	82.3	82.3	82.3	82.5	82.6	82.6	82.7	82.7	82.8	83.1
≥ 300 NW 200	81.2	81.9	82.4	82.5	82.8	82.8	83.0	83.1	83.1	83.4	83.5	83.5	83.7	83.7	83.8	84.1
≥ 200 NW 100	82.2	82.9	83.2	83.4	83.8	83.8	84.1	84.4	84.4	84.7	84.8	84.8	84.9	84.9	85.1	85.4
≥ 100 NW 0	84.3	84.1	84.4	84.6	85.1	85.1	85.3	86.0	86.0	86.5	86.9	86.9	87.0	87.0	87.1	87.4
≥ 0	83.8	84.6	84.9	85.2	85.6	85.6	86.1	86.8	86.8	87.2	87.7	87.7	87.8	87.8	88.0	88.3
≥ 0	85.4	85.3	86.7	86.9	87.3	87.4	88.1	88.8	88.8	89.2	89.8	89.8	89.9	89.9	90.0	90.3
≥ 0	86.3	87.4	87.8	88.2	88.6	88.7	89.8	90.6	90.6	91.1	91.9	91.9	92.0	92.0	92.2	92.5
≥ 0	87.0	88.1	88.5	88.8	89.2	89.4	90.4	91.3	91.3	92.2	93.1	93.1	93.4	93.4	93.5	93.9
≥ 0	87.4	88.5	88.9	89.2	89.7	89.8	90.9	91.7	91.7	92.6	93.5	93.5	93.9	93.9	94.0	94.3
≥ 0	87.6	88.8	89.2	89.6	90.0	90.1	91.2	92.0	92.0	93.0	94.3	94.3	94.7	94.7	94.8	95.2
≥ 0	88.1	89.2	89.8	90.1	90.5	90.6	91.7	92.6	92.6	93.5	94.8	95.1	95.3	95.3	95.4	95.7
≥ 0	89.4	90.5	91.2	91.5	92.4	92.5	93.7	94.5	94.5	95.5	96.9	97.1	97.3	97.3	97.4	97.7
≥ 0	90.0	91.2	91.9	92.3	93.1	93.3	94.5	95.4	95.4	96.3	97.7	98.0	98.2	98.2	98.3	98.6
≥ 0	90.4	91.6	92.4	92.7	93.5	93.8	95.1	95.9	95.9	96.9	98.3	98.5	98.8	98.8	98.9	99.2
≥ 0	90.5	91.7	92.5	92.8	93.7	93.9	95.3	96.1	96.1	97.1	98.5	98.7	99.1	99.1	99.2	99.6
≥ 0	90.5	91.7	92.5	92.8	93.7	93.9	95.3	96.1	96.1	97.1	98.5	98.7	99.1	99.1	99.2	99.7
≥ 0	90.5	91.7	92.5	92.8	93.7	93.9	95.3	96.1	96.1	97.1	98.5	98.7	99.1	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
 501 ETAC
 AIR WEATHER SERVICE/AFAC

CEILING VERSUS VISIBILITY

STATION 25211 FORT BELLEVILLE, ILL. 62206 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0000-0100

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 20000	44.4	44.7	44.8	45.0	45.1	45.1	45.2	45.4	45.4	45.6	46.3	46.4	46.8	46.8	46.8	46.8
IV 18000	47.3	47.7	47.8	48.0	48.1	48.1	48.2	48.4	48.4	48.6	49.2	49.2	49.7	49.7	49.7	49.7
IV 16000	47.6	47.8	47.9	48.1	48.2	48.2	48.3	48.5	48.6	48.7	49.4	49.4	49.9	49.9	49.9	49.9
IV 14000	48.9	49.2	49.3	49.5	49.7	49.7	49.8	50.0	50.0	50.1	50.9	50.9	51.3	51.3	51.3	51.3
IV 12000	50.0	51.1	51.2	51.4	51.6	51.6	51.7	51.9	51.9	52.0	52.0	52.0	52.2	52.2	52.2	52.2
IV 10000	54.0	55.1	55.3	55.6	55.7	55.7	55.9	56.1	56.1	56.2	57.0	57.0	57.4	57.4	57.4	57.4
IV 8000	58.7	59.1	59.4	60.1	60.4	60.4	60.7	60.9	60.9	61.0	61.8	61.8	62.2	62.2	62.2	62.2
IV 7000	61.1	61.6	62.1	63.0	63.0	63.6	63.0	64.0	64.0	64.1	64.9	64.9	65.3	65.3	65.3	65.3
IV 6000	66.7	65.4	66.2	67.1	67.9	67.9	68.1	68.3	68.3	68.4	69.2	69.2	69.7	69.7	69.7	69.7
IV 5000	65.1	66.0	66.9	67.8	68.4	68.9	69.1	69.3	69.3	69.4	70.2	70.2	70.7	70.7	70.7	70.7
IV 4500	67.0	68.0	69.2	70.3	71.0	71.7	72.1	72.4	72.4	72.6	73.3	73.3	73.8	73.8	73.8	73.8
IV 4000	67.3	68.3	69.6	70.7	71.9	72.0	72.4	72.8	72.8	72.9	73.7	73.7	74.1	74.1	74.1	74.1
IV 3500	68.4	69.3	70.0	71.7	73.1	73.2	73.7	74.1	74.1	74.2	75.0	75.0	75.4	75.4	75.4	75.4
IV 3000	69.4	70.6	71.8	72.9	74.3	74.4	75.0	75.4	75.4	75.6	76.3	76.3	76.8	76.8	76.8	76.8
IV 2500	70.7	71.8	73.1	74.2	76.2	76.3	77.0	77.7	77.7	77.8	78.6	78.6	79.0	79.0	79.0	79.0
IV 2000	71.2	72.3	73.7	74.8	77.1	77.2	78.1	78.8	78.8	79.0	79.8	79.8	80.2	80.2	80.2	80.2
IV 1800	72.4	73.6	74.7	76.0	78.4	78.6	79.8	80.6	80.6	80.9	82.0	82.0	82.4	82.4	82.4	82.4
IV 1500	72.9	74.0	75.3	76.6	79.0	79.1	80.3	81.1	81.1	81.4	82.8	82.8	83.2	83.2	83.2	83.2
IV 1200	74.2	75.4	76.8	78.0	80.4	80.6	82.2	83.1	83.1	83.4	84.9	84.9	85.3	85.3	85.3	85.3
IV 1000	75.8	77.0	78.4	79.8	82.2	82.3	84.2	85.1	85.1	85.6	87.2	87.2	87.7	87.7	87.7	87.7
IV 900	76.1	77.3	78.8	80.1	84.6	84.7	86.6	87.4	87.4	88.3	90.4	90.4	91.0	91.0	91.0	91.0
IV 800	79.2	80.4	81.9	83.2	85.7	85.8	87.8	88.7	88.7	89.6	92.0	92.0	92.6	92.6	92.6	92.6
IV 700	80.8	82.0	83.4	84.8	87.2	87.3	89.3	90.2	90.2	91.1	93.8	93.8	94.3	94.3	94.3	94.3
IV 600	81.3	82.7	84.1	85.4	87.9	88.0	90.0	90.9	90.9	91.8	94.4	94.4	95.0	95.0	95.0	95.0
IV 500	82.2	83.7	85.1	86.4	89.0	89.1	91.1	92.0	92.0	92.9	95.6	95.6	96.1	96.1	96.1	96.1
IV 400	82.7	84.2	85.8	87.2	89.8	89.9	92.0	93.0	93.0	94.0	96.7	96.7	97.2	97.2	97.2	97.2
IV 300	82.9	84.4	86.1	87.8	90.4	90.7	92.8	93.8	93.8	94.8	97.7	97.7	98.3	98.3	98.3	98.3
IV 200	83.1	84.6	86.7	88.6	91.2	91.4	93.7	94.7	94.7	95.9	98.8	98.8	99.7	99.7	99.7	99.7
IV 100	83.1	84.8	86.7	88.6	91.2	91.4	93.7	94.7	94.7	95.9	98.8	98.8	99.7	99.7	99.7	99.7
IV 0	83.1	84.8	86.7	88.6	91.2	91.4	93.7	94.7	94.7	96.0	98.9	98.9	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 500

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE AC

CEILING VERSUS VISIBILITY

25 JUL 66 STATION NAME: FORT BELVOIR, VA DTG: 57-66 YEARS: MONTH:

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-100-0500
MOON (Y/N)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 8	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NV 20000	44.1	44.4	44.8	44.8	45.0	45.0	45.3	45.3	45.3	45.4	45.7	45.7	46.1	46.1	46.1
IV 18000	45.4	45.6	46.0	46.0	46.0	46.0	46.7	47.1	47.1	47.2	47.4	47.4	47.9	47.9	47.9
IV 16000	46.0	46.3	46.7	46.7	46.9	46.9	47.2	47.2	47.2	47.3	47.6	47.6	48.0	48.0	48.0
IV 14000	47.7	48.0	48.3	48.3	48.6	48.6	48.9	48.9	48.9	49.0	49.2	49.2	49.7	49.7	49.7
IV 12000	51.4	51.8	52.1	52.1	52.3	52.3	52.8	52.8	52.8	52.9	53.1	53.1	53.6	53.6	53.6
IV 10000	56.4	57.0	57.4	57.6	57.9	57.9	58.6	58.6	58.6	58.7	58.9	58.9	59.3	59.3	59.3
IV 9000	59.9	60.7	61.1	61.3	61.7	61.8	62.4	62.4	62.4	62.6	62.8	62.8	63.2	63.2	63.2
IV 8000	62.0	63.8	64.3	64.7	65.1	65.1	65.8	65.8	65.8	65.9	66.1	66.1	66.7	66.7	66.7
IV 7000	62.9	67.4	68.1	68.9	69.6	69.6	70.2	70.2	70.3	70.4	70.7	70.7	71.2	71.2	71.2
IV 6000	66.4	68.1	68.9	69.7	70.4	70.4	71.1	71.2	71.3	71.4	71.7	71.7	72.2	72.2	72.2
IV 5000	68.2	70.4	71.2	72.1	73.2	73.3	74.0	74.1	74.2	74.3	74.6	74.6	75.1	75.1	75.1
IV 4500	69.9	71.2	72.1	73.0	74.1	74.2	74.9	75.0	75.1	75.2	75.4	75.4	76.0	76.0	76.0
IV 4000	69.3	71.0	72.8	73.7	74.8	74.9	75.0	75.7	75.8	75.9	76.1	76.1	76.7	76.7	76.7
IV 3500	69.0	72.3	73.3	74.2	75.3	75.4	76.2	76.4	76.6	76.7	76.9	76.9	77.4	77.4	77.4
IV 3000	71.4	74.0	75.0	76.0	77.3	77.4	78.4	78.9	79.0	79.1	79.3	79.3	79.9	79.9	79.9
IV 2500	71.8	74.6	75.6	76.6	78.0	78.2	79.2	79.7	79.8	80.0	80.2	80.2	80.8	80.8	80.8
IV 2000	72.7	75.7	76.8	77.9	79.0	79.8	81.0	81.4	81.6	81.9	82.3	82.3	82.9	82.9	82.9
IV 1800	72.9	75.8	77.0	78.1	79.8	80.0	81.2	81.7	81.8	82.1	82.7	82.8	83.3	83.3	83.3
IV 1500	74.0	77.1	78.7	79.9	81.0	81.9	83.4	84.0	84.1	84.6	85.1	85.2	85.9	85.9	85.9
IV 1200	75.2	78.3	80.6	81.8	83.4	83.8	85.3	86.0	86.1	87.2	87.8	87.9	88.6	88.6	88.6
IV 1000	77.6	80.7	81.9	83.3	85.1	85.4	87.1	87.8	87.9	89.1	89.8	89.9	90.6	90.6	90.6
IV 900	78.4	81.6	82.9	84.3	86.2	86.6	88.3	89.0	89.1	90.3	91.0	91.1	91.8	91.8	91.8
IV 800	79.7	82.9	84.2	85.7	87.6	87.9	89.7	90.3	90.4	91.7	92.3	92.4	93.1	93.1	93.1
IV 700	80.4	83.8	85.1	86.6	88.4	88.8	90.6	91.2	91.3	92.6	93.2	93.3	94.0	94.0	94.0
IV 600	81.0	84.6	85.9	87.3	89.3	89.7	91.4	92.1	92.2	93.4	94.1	94.2	94.9	94.9	94.9
IV 500	81.8	85.6	86.9	88.4	90.9	91.2	93.0	93.7	93.8	95.0	95.7	95.8	96.4	96.4	96.4
IV 400	82.4	86.2	87.7	89.3	91.9	92.2	94.0	94.7	94.8	96.2	96.9	97.0	97.8	97.8	97.8
IV 300	82.9	86.7	88.1	89.8	92.3	92.7	94.4	95.1	95.2	96.7	97.3	97.4	98.6	98.6	98.6
IV 200	82.9	86.8	88.2	89.9	92.0	92.9	94.7	95.3	95.4	96.9	97.6	97.7	98.8	98.8	98.8
IV 100	82.9	86.8	88.2	89.9	92.0	92.9	94.7	95.3	95.4	96.9	97.6	97.7	98.8	98.8	98.8
IV 0	82.9	86.8	88.2	89.9	92.0	92.9	94.7	95.3	95.4	96.9	97.6	97.7	98.8	98.8	98.8

TOTAL NUMBER OF OBSERVATIONS 200

DATA PROCESSING DIVISION
USAF ETAC
1111 LATER RELEASED

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY - STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼
NO CEILING	41.3	41.4	41.7	41.7	41.8	41.8	41.8	41.8	41.8	42.0	42.2	42.2	42.2	42.2	42.2
≥ 2000	44.2	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.6	44.8	44.8	44.8	44.8	44.8
IV 18000	43.9	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.6	44.8	44.8	44.8	44.8	44.8
IV 16000	44.1	44.2	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.8	45.0	45.0	45.0	45.0	45.0
IV 14000	45.1	45.3	45.6	45.6	45.7	45.8	45.8	45.8	45.8	46.0	46.2	46.2	46.2	46.2	46.2
IV 12000	44.3	44.6	44.8	44.8	44.9	44.9	44.9	44.9	44.9	45.2	45.4	45.4	45.4	45.4	45.4
IV 10000	53.1	53.3	53.8	54.1	54.4	54.6	54.7	54.7	54.7	54.9	55.1	55.1	55.1	55.1	55.1
IV 9000	57.1	57.4	57.9	58.3	58.7	58.8	58.9	58.9	58.9	59.1	59.3	59.3	59.3	59.3	59.3
IV 8000	60.3	60.6	61.2	61.8	62.1	62.2	62.4	62.4	62.4	62.7	62.9	62.9	62.9	62.9	62.9
IV 7000	64.4	65.3	66.1	66.9	67.6	67.8	68.0	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.4
IV 6000	65.0	66.0	66.8	67.6	68.2	68.4	68.8	68.8	68.8	69.0	69.2	69.2	69.2	69.2	69.2
IV 5000	67.6	68.6	69.4	70.3	71.0	71.2	71.7	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3
IV 4500	67.6	68.6	69.4	70.3	71.0	71.2	71.7	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3
IV 4000	67.6	68.6	69.4	70.3	71.0	71.2	71.7	71.8	71.8	72.1	72.3	72.3	72.3	72.3	72.3
IV 3500	69.4	71.0	72.4	74.2	75.1	75.3	75.8	76.3	76.3	76.8	77.0	77.0	77.0	77.0	77.0
IV 3000	70.2	71.5	73.4	75.4	76.9	76.9	77.4	78.2	78.3	78.9	79.1	79.1	79.1	79.1	79.1
IV 2500	70.7	72.6	74.2	76.3	77.7	78.1	78.8	79.3	80.0	80.6	80.9	80.9	80.9	80.9	80.9
IV 2000	71.9	74.2	75.9	78.1	79.0	80.0	81.1	82.7	82.8	83.7	84.2	84.2	84.2	84.2	84.2
IV 1800	72.0	74.9	76.7	78.9	80.3	80.8	81.9	83.4	83.7	84.7	85.4	85.4	85.4	85.4	85.4
IV 1500	73.3	75.7	77.7	79.9	81.0	82.0	83.4	85.0	85.2	86.3	87.3	87.3	87.3	87.3	87.3
IV 1200	74.9	77.2	79.3	81.6	83.2	83.7	85.1	86.7	87.0	88.1	89.1	89.1	89.2	89.2	89.2
IV 1000	76.1	78.4	80.0	82.8	84.7	85.1	86.8	88.3	88.7	90.0	91.0	91.0	91.1	91.1	91.1
IV 900	77.2	79.6	81.9	84.1	86.0	86.4	88.1	89.7	90.0	91.3	92.3	92.3	92.6	92.6	92.6
IV 800	77.0	80.3	82.8	85.0	86.9	87.3	89.0	90.6	90.9	92.2	93.3	93.3	93.6	93.6	93.6
IV 700	78.4	81.1	83.6	85.9	87.8	88.2	89.9	91.4	91.8	93.1	94.2	94.2	94.4	94.4	94.4
IV 600	76.8	81.5	84.1	86.4	88.3	88.8	90.4	92.0	92.3	93.7	94.8	94.8	95.1	95.1	95.1
IV 500	79.1	82.1	84.7	87.0	88.9	89.1	91.0	92.6	92.9	94.2	95.3	95.3	95.6	95.6	95.6
IV 400	79.7	82.7	85.2	87.7	89.6	90.0	91.8	93.4	93.8	95.1	96.3	96.3	96.6	96.6	96.6
IV 300	80.0	83.7	86.4	89.0	90.9	91.3	93.1	94.8	95.1	96.6	98.0	98.0	98.6	98.6	98.6
IV 200	80.0	83.9	86.8	89.4	91.4	91.9	93.8	95.4	95.6	97.2	99.0	99.0	99.6	99.6	99.6
IV 100	80.0	83.9	86.8	89.4	91.4	91.9	93.8	95.4	95.6	97.2	99.0	99.0	99.6	99.6	99.6
IV 0	80.0	83.5	86.8	89.4	91.0	92.0	94.0	95.7	96.0	97.7	99.4	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 200

DATA PROCESSOR DIVISION
USAF ETAC
AIR WEATHER SERVICE

CEILING VERSUS VISIBILITY

STATION EL PASO, TX DATE 07-66 YEAR 1966 MONTH 11
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 0000-1100
LOCAL TIME

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
≥ 2000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 18000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 16000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 14000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 12000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 10000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 9000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 8000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 7000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 6000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 5000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 4500	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 4000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 3500	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 3000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 2500	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 2000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 1800	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 1500	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 1200	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 1000	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 900	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 800	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 700	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 600	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 500	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 400	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 300	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 200	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 100	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0

TOTAL NUMBER OF OBSERVATIONS 700

REPORT OF THE
OFFICE OF THE
CHIEF OF THE
NAVY

CEILING VERSUS VISIBILITY

STATION NAME STATION NAME DATE 7-66 YEAR 1966 MONTH 1966

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ ¼	≥ 0
NO CEILING	41.6	41.4	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
W 20000	47.7	47.6	47.6	47.6	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
W 18000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
W 16000	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
W 14000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
W 12000	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
W 10000	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
W 9000	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
W 8000	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
W 7000	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
W 6000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
W 5000	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
W 4500	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
W 4000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
W 3500	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
W 3000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
W 2500	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
W 2000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
W 1800	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
W 1500	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
W 1200	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
W 1000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
W 900	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
W 800	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
W 700	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
W 600	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
W 500	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
W 400	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
W 300	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
W 200	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
W 100	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
W 0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR FORCE ENGINEERING

CEILING VERSUS VISIBILITY

STATION 211 DATE 1965 TIME 1411 YEAR 1965 MONTH 12
PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS) 10000

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1 1/2	≥ 1	≥ 3/4	≥ 5/8	≥ 1/2	≥ 5/16	≥ 1/4
NO CEILING	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
≥ 2000	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
18000	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
16000	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
14000	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
12000	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
10000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
9000	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
8000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
7000	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
6000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
5000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
4500	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
4000	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
3500	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
3000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
2500	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
2000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1800	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
1600	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1500	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
1200	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
900	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
800	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
700	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
600	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
500	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
400	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
300	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
200	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
100	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 1000

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AFM

CEILING VERSUS VISIBILITY

STATION NO. 25213 STATION NAME EAST WILSON LC/AFB, MISSOURI CITY, MO 67060 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1 JAN 1960

CEILING FEET	VISIBILITY, STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .5	≥ .25	≥ .1	≥ 0	
NO CEILING	44.0	44.8	45.2	45.3	45.3	45.3	45.3	45.0	45.6	45.0	45.7	45.7	45.7	45.7	45.7	
IV 20000	47.1	47.4	47.9	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
IV 18000	47.1	47.4	47.9	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
IV 16000	47.1	47.4	47.9	48.0	48.0	48.0	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	
IV 14000	48.0	48.9	49.3	49.4	49.4	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	
IV 12000	50.9	51.2	51.7	51.8	51.8	51.8	51.8	52.0	52.0	52.0	52.0	52.1	52.1	52.1	52.1	
IV 10000	55.7	56.3	56.9	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	
IV 9000	58.4	59.4	60.2	60.3	60.4	60.4	60.4	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9	
IV 8000	62.2	63.4	64.2	64.6	65.0	65.0	65.0	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	
IV 7000	66.1	67.7	68.7	69.0	69.7	69.7	69.7	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	
IV 6000	66.6	68.3	69.3	69.7	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.8	70.8	70.8	70.8	
IV 5000	68.9	71.1	72.3	72.8	74.1	74.1	74.1	74.4	74.8	74.8	74.8	74.9	74.9	74.9	74.9	
IV 4500	69.7	71.9	73.1	73.6	75.1	75.1	75.1	75.4	75.8	75.8	75.8	75.9	75.9	75.9	75.9	
IV 4000	70.9	73.9	75.1	75.6	77.3	77.3	77.3	77.7	78.0	78.0	78.0	78.1	78.1	78.1	78.1	
IV 3500	71.9	75.2	76.4	76.9	79.1	79.1	79.1	79.4	79.8	79.8	79.8	79.9	79.9	79.9	79.9	
IV 3000	72.1	75.7	77.3	77.8	80.1	80.1	80.1	80.7	81.0	81.0	81.0	81.1	81.1	81.1	81.1	
IV 2500	73.2	77.1	78.8	79.2	81.7	81.9	82.0	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	
IV 2000	73.1	79.2	80.9	81.3	83.8	84.0	84.8	85.3	85.3	85.3	85.6	85.7	85.7	85.7	85.7	
IV 1800	75.0	79.9	81.6	82.0	84.4	84.7	85.4	86.0	86.0	86.0	86.6	86.7	86.7	86.7	86.7	
IV 1500	76.8	81.3	83.0	83.7	86.2	86.4	87.2	88.3	88.3	88.3	89.2	89.3	89.3	89.4	89.4	
IV 1200	77.8	82.3	84.1	84.8	87.4	87.7	88.4	89.6	89.6	89.6	90.6	90.7	90.7	90.9	90.9	
IV 1000	79.3	84.0	85.8	86.7	89.3	89.6	90.3	91.6	91.6	91.6	92.7	92.8	92.7	93.2	93.2	
IV 900	79.9	84.6	86.3	87.2	89.9	90.1	90.9	92.1	92.2	92.2	93.4	93.6	93.7	94.0	94.0	
IV 800	80.7	85.3	87.1	88.0	90.7	90.9	91.8	93.0	93.1	93.1	94.3	94.4	94.6	95.0	95.1	
IV 700	81.4	86.1	87.9	88.8	91.0	91.8	92.7	93.9	94.0	94.0	95.2	95.4	95.6	96.1	96.2	
IV 600	82.1	86.9	88.7	89.6	92.4	92.7	93.0	94.8	94.9	94.9	96.1	96.4	96.6	97.1	97.2	
IV 500	82.2	87.0	88.8	89.7	92.0	92.8	93.7	94.9	95.0	95.0	96.4	96.8	96.9	97.4	97.6	
IV 400	82.7	87.4	89.6	90.4	93.4	93.7	94.0	95.8	95.9	95.9	97.4	97.8	97.9	98.4	98.6	
IV 300	83.1	87.9	90.0	91.1	94.1	94.3	95.2	96.4	96.6	96.6	98.1	98.4	98.8	99.1	99.2	
IV 200	83.1	87.9	90.0	91.1	94.2	94.4	95.3	96.6	96.7	96.7	98.3	98.7	98.8	99.3	99.4	
IV 100	83.2	88.0	90.1	91.2	94.3	94.6	95.4	96.8	96.9	96.9	98.6	98.9	99.0	99.6	99.7	
IV 0	83.2	88.0	90.1	91.2	94.3	94.6	95.4	96.8	96.9	96.9	98.6	98.9	99.0	99.6	99.7	

TOTAL NUMBER OF OBSERVATIONS 900

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25218 FORT WILSON BC/BRSKA ROT APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

100-2100
HOURS (LST)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 3/8	≥ 0
NO CEILING ≥ 2000	44.0	45.3	45.6	45.7	45.9	45.9	46.1	46.1	46.1	46.1	46.3	46.3	46.8	46.9	46.9
≥ 1800	47.4	48.0	48.2	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.2	49.2	49.7	49.8	49.8
≥ 1600	47.4	48.0	48.2	48.3	48.7	48.7	49.0	49.0	49.0	49.0	49.2	49.2	49.7	49.8	49.8
≥ 1400	47.8	48.3	48.6	48.7	49.0	49.0	49.3	49.3	49.3	49.3	49.6	49.6	50.0	50.1	50.1
≥ 1200	48.6	49.3	49.6	49.7	50.0	50.0	50.3	50.3	50.3	50.3	50.6	50.6	51.0	51.1	51.1
≥ 1000	51.1	51.7	51.9	52.0	52.3	52.3	52.7	52.7	52.7	52.7	52.9	52.9	53.3	53.4	53.4
≥ 900	56.2	56.8	57.3	57.4	57.8	57.8	58.1	58.1	58.1	58.1	58.3	58.3	58.8	58.9	58.9
≥ 800	59.2	60.0	60.6	60.9	61.2	61.3	61.7	61.7	61.7	61.7	61.9	61.9	62.3	62.4	62.4
≥ 700	61.3	62.6	63.3	63.7	64.3	64.4	64.8	64.8	64.8	64.8	65.0	65.0	65.4	65.6	65.6
≥ 600	64.9	66.6	67.4	67.8	68.6	68.7	69.0	69.0	69.0	69.0	69.2	69.2	69.7	69.8	69.8
≥ 500	65.6	67.7	68.6	69.2	70.0	70.1	70.4	70.4	70.4	70.4	70.7	70.7	71.1	71.2	71.2
≥ 400	67.1	69.7	70.9	71.6	72.8	73.0	73.4	73.4	73.4	73.4	73.7	73.7	74.1	74.2	74.2
≥ 300	70.8	70.6	71.8	72.4	73.7	73.9	74.3	74.3	74.3	74.3	74.6	74.6	75.0	75.1	75.1
≥ 200	69.7	71.6	73.0	73.9	75.2	75.4	75.9	76.0	76.0	76.0	76.2	76.2	76.7	76.8	76.8
≥ 100	69.2	72.6	74.0	75.0	76.6	76.8	77.2	77.3	77.3	77.3	77.6	77.6	78.0	78.1	78.1
0	70.2	73.6	75.1	76.1	77.7	77.9	78.6	78.8	78.8	78.8	79.0	79.0	79.4	79.6	79.6
≥ 1800	70.9	74.3	75.9	77.0	78.6	78.8	79.7	80.1	80.1	80.1	80.4	80.4	80.9	81.0	81.0
≥ 1600	72.0	75.6	77.1	78.3	80.2	80.4	81.4	82.6	82.6	82.8	83.3	83.3	83.8	83.9	83.9
≥ 1400	72.4	76.0	77.6	78.8	80.7	81.0	82.1	83.3	83.4	83.9	84.4	84.4	84.9	85.0	85.0
≥ 1200	73.0	77.2	78.8	80.1	82.2	82.5	83.9	85.2	85.4	85.9	86.7	86.8	87.2	87.3	87.3
≥ 1000	73.4	77.1	80.7	82.0	84.3	84.7	86.0	87.3	87.6	88.0	88.8	89.2	89.7	89.8	89.8
≥ 900	75.7	80.4	82.0	83.3	85.8	86.1	87.4	89.1	89.3	89.8	90.7	91.2	91.7	91.8	91.8
≥ 800	77.0	80.8	82.3	83.7	86.1	86.4	87.8	89.6	89.8	90.3	91.2	91.8	92.2	92.3	92.3
≥ 700	77.9	81.9	83.4	84.8	87.2	87.5	88.9	90.7	90.9	91.4	92.6	93.1	93.6	93.7	93.7
≥ 600	78.7	82.7	84.2	85.6	88.0	88.3	89.7	91.4	91.7	92.2	93.3	93.9	94.3	94.4	94.4
≥ 500	79.2	83.4	85.0	86.3	88.8	89.1	90.6	92.3	92.6	93.1	94.2	94.8	95.6	95.7	95.7
≥ 400	80.2	84.4	86.0	87.4	89.9	90.2	91.7	93.4	93.7	94.2	95.3	95.9	96.7	96.8	96.8
≥ 300	80.4	84.7	86.2	87.8	90.2	90.6	92.0	93.8	94.0	94.6	95.7	96.2	97.3	97.4	97.4
≥ 200	80.8	85.1	86.7	88.2	90.7	91.0	92.4	94.2	94.4	95.0	96.1	96.7	97.9	98.0	98.0
≥ 100	80.9	85.2	86.8	88.3	90.8	91.1	92.6	94.4	94.7	95.2	96.3	96.9	98.3	98.4	98.4
0	81.2	85.6	87.1	88.7	91.1	91.4	92.9	94.6	95.0	95.8	97.2	97.7	99.2	99.3	99.3
0	81.2	85.6	87.1	88.7	91.1	91.4	92.9	94.6	95.0	95.8	97.2	97.7	99.3	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

25218 ~~PORT NELSON EC/USNA DIT ART~~ 57-66

YEARS

F.C.
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

0001-0200

CEILING FEET	VISIBILITY - STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .25	≥ .15	≥ .1	≥ 0
NO CEILING ≥ 20000	57.4	47.6	48.4	46.5	48.6	46.8	48.6	48.6	48.6	48.6	49.7	48.1	48.6	48.6	48.6	49.0
18000	51.0	51.6	52.2	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.6	52.6	52.6	52.6	52.6
16000	51.1	51.7	52.3	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.6	52.7	52.7	52.7	52.7	52.7
14000	51.2	51.8	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.8	52.8	52.8	52.8	52.8
12000	52.7	53.4	54.0	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.4	54.5	54.5	54.5	54.5	54.5
10000	56.1	56.9	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8
9000	59.9	60.9	61.4	61.6	61.8	61.8	61.8	61.8	61.8	61.8	61.9	62.0	62.0	62.0	62.0	62.0
8000	63.1	64.3	65.1	65.3	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.8	65.9	65.9	65.9	65.9
7000	66.9	68.1	69.1	69.4	69.6	69.6	69.9	69.9	69.9	69.9	70.0	70.1	70.1	70.1	70.1	70.1
6000	69.9	71.4	72.9	73.1	73.4	73.4	73.9	73.9	73.9	73.9	74.0	74.1	74.1	74.1	74.1	74.1
5000	70.8	72.4	73.9	74.1	74.4	74.4	74.8	74.8	74.8	74.8	74.9	75.1	75.1	75.1	75.1	75.1
4500	73.0	75.1	76.6	76.8	77.1	77.1	77.5	77.5	77.5	77.5	77.6	77.7	77.7	77.7	77.7	77.7
4000	74.3	76.5	78.0	78.3	78.7	78.7	79.1	79.1	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4
3500	76.1	78.5	80.2	80.6	81.2	81.2	81.6	81.6	81.6	81.6	81.7	81.8	81.8	81.8	81.8	81.8
3000	77.3	79.8	81.6	82.0	82.6	82.6	83.0	83.0	83.0	83.0	83.1	83.2	83.2	83.2	83.2	83.2
2500	78.1	80.5	82.3	82.9	83.5	83.5	84.0	84.2	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4
2000	78.9	81.7	83.8	84.3	85.5	85.6	86.0	86.3	86.3	86.5	86.6	86.7	86.7	86.7	86.7	86.7
1800	79.4	82.6	84.6	85.4	87.1	87.3	87.7	88.2	88.2	88.4	88.5	88.6	88.6	88.6	88.6	88.6
1500	80.0	83.4	85.6	86.3	88.1	88.3	88.7	89.1	89.1	89.4	89.5	89.6	89.6	89.6	89.6	89.6
1200	81.5	84.4	86.6	87.3	89.4	89.6	90.0	90.5	90.5	91.4	91.7	91.8	91.8	91.8	91.8	91.8
1000	82.0	85.2	87.3	88.2	90.2	90.5	91.0	91.5	91.5	92.6	93.1	93.2	93.3	93.3	93.3	93.3
900	82.7	85.5	88.2	89.0	91.2	91.5	91.9	92.5	92.5	93.7	94.4	94.5	94.8	94.8	94.8	94.8
800	83.2	86.5	88.7	89.6	91.7	92.0	92.7	93.2	93.2	94.4	95.2	95.3	95.6	95.6	95.6	95.6
700	83.2	87.0	89.2	90.4	92.0	92.9	93.7	94.3	94.3	95.5	96.2	96.3	96.7	96.7	96.7	96.7
600	84.3	87.7	90.0	91.2	93.3	93.7	94.4	95.1	95.1	96.2	97.0	97.1	97.4	97.4	97.4	97.4
500	85.4	88.9	91.2	92.5	94.0	94.0	95.7	96.3	96.3	97.5	98.3	98.4	98.8	98.8	98.8	98.8
400	85.5	89.0	91.3	92.6	95.1	95.4	96.1	96.8	96.8	98.0	98.7	98.8	99.2	99.2	99.2	99.2
300	85.5	89.0	91.3	92.6	95.1	95.4	96.1	96.8	96.8	98.0	98.9	99.0	99.5	99.5	99.5	99.5
200	85.5	89.0	91.3	92.6	95.1	95.4	96.1	96.8	96.8	98.0	99.0	99.1	99.6	99.6	99.6	99.6
100	85.5	89.0	91.3	92.6	95.1	95.4	96.1	96.8	96.8	98.0	99.0	99.1	99.6	99.6	99.6	99.6
0	85.5	89.0	91.3	92.6	95.1	95.4	96.1	96.8	96.8	98.0	99.0	99.1	99.6	99.6	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS

74

DATA PROCESSING DIVISION
SAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NO. 25219 STATION NAME FORT WORTH, TEXAS DATE 27-66 YEARS MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

9300-0400

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING ≥ 2000	49.4	49.9	50.3	50.5	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.9	50.9	50.9	50.9
IV 18000	51.4	52.4	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3	53.3
IV 16000	52.4	52.6	52.8	53.2	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.5	53.5
IV 14000	53.2	53.9	54.3	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8
IV 12000	55.5	56.1	56.6	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1
IV 10000	60.1	60.9	61.4	61.6	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2	62.2	62.2
IV 9000	62.8	63.8	64.3	64.6	64.6	64.7	64.9	64.9	64.9	64.9	64.9	64.9	65.2	65.2	65.2	65.2
IV 8000	65.5	67.0	67.8	68.2	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.9	68.9	68.9	68.9
IV 7000	70.8	72.9	73.9	74.2	74.4	74.5	74.8	74.9	74.9	74.9	74.9	74.9	75.2	75.2	75.2	75.2
IV 6000	71.2	73.3	74.3	74.6	74.8	74.9	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6
IV 5000	72.9	75.2	76.1	76.5	76.7	76.8	77.1	77.2	77.2	77.3	77.3	77.3	77.5	77.5	77.5	77.5
IV 4500	74.0	76.3	77.4	77.7	78.0	78.1	78.4	78.5	78.5	78.6	78.6	78.6	78.8	78.8	78.8	78.8
IV 4000	74.7	77.1	78.4	78.7	79.0	79.1	79.5	79.6	79.6	79.8	79.8	79.8	80.0	80.0	80.0	80.0
IV 3500	76.1	78.7	80.0	80.3	80.6	80.7	81.2	81.4	81.4	81.6	81.6	81.6	81.8	81.8	81.8	81.8
IV 3000	77.1	79.8	81.2	81.5	81.9	82.0	82.6	83.0	83.0	83.2	83.3	83.3	83.5	83.5	83.5	83.5
IV 2500	78.4	81.2	82.6	82.9	83.3	83.8	84.4	85.2	85.2	85.4	85.5	85.5	85.7	85.7	85.7	85.7
IV 2000	80.5	83.3	84.9	85.3	86.1	86.3	87.3	88.3	88.3	89.0	89.2	89.2	89.5	89.5	89.5	89.5
IV 1800	81.1	83.9	85.5	85.8	86.7	86.9	87.8	88.8	88.8	89.6	89.8	89.8	90.0	90.0	90.0	90.0
IV 1500	82.0	84.8	86.6	87.0	88.0	88.2	89.1	90.1	90.1	91.6	91.8	91.8	92.0	92.0	92.0	92.0
IV 1200	83.4	86.2	88.0	88.4	89.4	89.6	90.5	91.6	91.6	93.4	93.7	93.7	93.9	93.9	93.9	93.9
IV 1000	84.7	87.6	89.4	89.8	90.8	91.0	92.0	93.1	93.1	95.1	95.6	95.6	95.8	95.8	95.8	95.8
IV 900	84.9	87.8	89.6	90.0	91.0	91.2	92.3	93.3	93.3	95.3	95.8	95.8	96.0	96.0	96.0	96.0
IV 800	85.5	88.5	90.2	90.6	91.7	91.9	93.0	94.4	94.4	96.3	96.9	96.9	97.1	97.1	97.1	97.1
IV 700	86.2	89.4	91.1	91.6	92.7	92.9	94.0	95.4	95.4	97.3	97.8	97.8	98.2	98.2	98.2	98.2
IV 600	86.8	89.9	91.6	92.2	93.3	93.5	94.6	96.0	96.0	98.0	98.5	98.5	98.8	98.8	98.8	98.8
IV 500	87.3	90.4	92.2	92.7	93.9	94.1	95.2	96.6	96.6	98.5	99.0	99.0	99.4	99.4	99.4	99.4
IV 400	87.3	90.4	92.2	92.7	93.9	94.1	95.2	96.6	96.6	98.5	99.0	99.0	99.4	99.4	99.4	99.4
IV 300	87.5	90.6	92.4	92.9	94.1	94.3	95.4	96.8	96.8	98.7	99.2	99.2	99.6	99.6	99.7	99.7
IV 200	87.5	90.6	92.6	93.2	94.4	94.6	95.7	97.1	97.1	99.0	99.6	99.6	99.9	99.9	100.0	100.0
IV 100	87.5	90.6	92.6	93.2	94.4	94.6	95.7	97.1	97.1	99.0	99.6	99.6	99.9	99.9	100.0	100.0
IV 0	87.5	90.6	92.6	93.2	94.4	94.6	95.7	97.1	97.1	99.0	99.6	99.6	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/PAO

CEILING VERSUS VISIBILITY

STATION NAME FORT NELSON 2L/415KVA OUT APT

57-66

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

6434-0800

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 9	≥ 8	≥ 7	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2	≥ 1	≥ 1/2	≥ 1/4	≥ 1/8	≥ 1/16	≥ 1/32	≥ 0
NO CEILING	42.4	43.2	43.7	44.1	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
≥ 20000	45.7	46.0	46.5	46.6	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 18000	45.7	46.0	46.5	46.9	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
≥ 16000	46.0	46.3	46.8	47.2	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
≥ 14000	47.1	47.4	47.8	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
≥ 12000	48.7	50.0	50.4	50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
≥ 10000	55.4	55.9	56.3	56.9	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
≥ 9000	60.9	61.5	62.0	62.8	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
≥ 8000	65.1	65.8	66.9	67.7	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
≥ 7000	68.4	71.9	73.8	74.6	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
≥ 6000	70.2	72.8	74.0	75.5	75.8	75.8	76.1	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2
≥ 5000	72.3	75.2	77.3	78.4	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4
≥ 4500	73.1	76.2	78.6	79.7	80.3	80.4	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0
≥ 4000	74.0	77.7	80.1	81.5	82.2	82.3	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
≥ 3500	75.4	78.6	81.0	82.4	83.0	83.1	83.7	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2
≥ 3000	76.2	79.5	82.2	83.7	84.4	84.5	85.3	85.6	85.6	85.8	85.9	85.9	85.9	85.9	85.9	85.9
≥ 2500	77.0	80.6	83.3	84.8	85.7	85.9	86.7	87.3	87.3	87.6	87.7	87.7	87.7	87.7	87.7	87.7
≥ 2000	77.7	81.4	84.1	85.6	86.6	86.8	87.6	88.6	88.6	89.1	89.2	89.2	89.2	89.2	89.2	89.2
≥ 1800	78.2	81.8	84.5	86.0	87.1	87.3	88.3	89.2	89.4	89.9	90.1	90.1	90.1	90.1	90.1	90.1
≥ 1600	80.0	83.7	86.5	88.0	89.0	89.2	90.4	91.4	91.5	92.3	92.6	92.7	92.7	92.7	92.7	92.7
≥ 1400	81.1	84.7	87.5	89.0	90.1	90.3	91.5	92.5	92.6	93.5	93.9	94.0	94.0	94.0	94.0	94.0
≥ 1200	82.3	86.0	88.8	90.3	91.4	91.6	92.8	93.8	93.9	94.8	95.2	95.3	95.3	95.3	95.3	95.3
≥ 1000	83.0	86.8	89.6	91.2	92.3	92.5	93.8	94.7	94.8	95.8	96.2	96.3	96.3	96.3	96.3	96.3
≥ 900	83.6	87.6	90.9	92.5	93.5	93.6	95.1	96.0	96.1	97.2	97.6	97.7	97.7	97.7	97.7	97.7
≥ 800	84.3	88.2	91.5	93.1	94.2	94.4	95.7	96.7	96.8	97.8	98.3	98.4	98.4	98.4	98.4	98.4
≥ 700	84.8	88.7	92.0	93.7	94.7	94.9	96.2	97.2	97.3	98.4	98.8	98.9	98.9	98.9	98.9	98.9
≥ 600	84.9	88.8	92.1	93.8	94.8	95.1	96.3	97.3	97.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0
≥ 500	85.2	89.1	92.4	94.1	95.2	95.4	96.9	97.8	98.0	99.0	99.6	99.7	99.8	99.8	99.8	99.8
≥ 400	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0
≥ 300	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0
≥ 200	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0
≥ 100	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0
≥ 0	85.7	89.6	92.9	94.5	95.6	95.8	97.1	98.1	98.2	99.2	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 940

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 25216 FLYING DUTCHMAN DUT APT

57-66

YEARS

IC

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

0-00-1100

CEILING FEET	VISIBILITY (STATUTE MILES)															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .8	≥ .6	≥ .5	≥ .4	≥ .3	≥ 0
NO CEILING ≥ 20000	40.7	40.4	41.0	41.2	41.2	41.3	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
IV 18000	43.1	43.9	44.3	44.7	44.7	44.8	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
IV 16000	43.7	44.4	45.1	45.3	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
IV 14000	44.4	45.8	46.6	46.8	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
IV 12000	45.3	50.4	51.2	51.4	51.4	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
IV 10000	54.8	56.2	57.5	57.7	57.7	57.8	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
IV 9000	60.0	61.6	63.1	63.4	63.8	64.0	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
IV 8000	65.7	67.5	69.2	69.7	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
IV 7000	70.0	71.8	73.5	74.1	74.8	75.3	75.8	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2
IV 6000	70.4	72.5	74.2	74.7	75.5	75.9	76.5	76.6	76.6	76.8	76.8	76.9	76.9	76.9	76.9	76.9
IV 5000	73.0	75.2	77.0	77.5	78.3	78.7	79.2	79.3	79.6	79.8	79.8	79.9	79.9	79.9	79.9	79.9
IV 4500	73.7	75.9	77.7	78.5	79.4	79.8	80.3	80.6	80.6	80.9	80.9	81.0	81.0	81.0	81.0	81.0
IV 4000	74.8	77.4	79.4	80.3	81.4	81.9	82.7	83.0	83.0	83.2	83.3	83.4	83.4	83.4	83.4	83.4
IV 3500	75.8	78.4	80.3	81.3	82.5	83.0	83.8	84.2	84.2	84.4	84.5	84.6	84.6	84.6	84.6	84.6
IV 3000	76.6	79.4	81.3	82.5	83.9	84.5	85.3	85.7	85.7	85.9	86.0	86.1	86.1	86.1	86.1	86.1
IV 2500	77.1	80.3	82.3	83.8	85.5	86.1	87.2	87.6	87.6	87.8	88.0	88.1	88.1	88.1	88.1	88.1
IV 2000	77.8	81.1	83.0	84.7	86.5	87.1	88.2	88.5	88.6	88.9	89.2	89.4	89.4	89.4	89.4	89.4
IV 1800	78.1	81.4	83.3	85.2	86.9	87.3	88.6	89.0	89.0	89.4	89.7	89.8	89.8	89.8	89.8	89.8
IV 1500	78.6	82.2	84.3	86.1	88.2	88.8	90.2	90.6	90.6	91.3	91.9	92.0	92.0	92.0	92.0	92.0
IV 1200	79.1	82.9	85.4	87.2	89.4	90.0	91.4	91.9	91.9	92.7	93.7	93.8	93.8	93.8	93.8	93.8
IV 1000	79.8	83.5	86.0	87.8	90.0	90.6	92.2	92.9	92.9	93.9	94.9	95.1	95.2	95.2	95.2	95.2
IV 900	81.2	85.1	87.6	89.5	91.6	92.3	93.8	94.6	94.6	95.8	97.2	97.3	97.5	97.5	97.5	97.5
IV 800	81.5	85.4	88.3	90.1	92.3	92.9	94.4	95.3	95.3	96.5	97.8	98.0	98.2	98.2	98.2	98.2
IV 700	81.7	85.6	88.5	90.3	92.5	93.1	94.6	95.5	95.5	96.7	98.1	98.3	98.5	98.5	98.5	98.5
IV 600	81.8	85.7	88.6	90.4	92.6	93.2	94.7	95.6	95.6	97.0	98.4	98.6	98.8	98.8	98.8	98.8
IV 500	81.9	85.8	88.7	90.5	92.7	93.3	94.8	95.7	95.7	97.1	98.7	98.9	99.1	99.1	99.1	99.1
IV 400	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 300	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 200	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 100	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.6	99.8	99.8	99.8	99.8
IV 0	82.0	86.0	89.1	91.0	93.1	93.8	95.4	96.2	96.2	97.7	99.4	99.6	99.8	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

CEILING VERSUS VISIBILITY

STATION PORT WILSON, S.C. 17-66 SC
MONTH 1200-1400

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES														
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.25	≥ 1	≥ .75	≥ .58	≥ .5	≥ .36	≥ .3
≥ 2100	47.3	47.6	43.1	43.1	43.2	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5
≥ 1800	47.5	48.0	48.5	48.5	48.6	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	49.0	49.0
≥ 1600	47.6	48.1	48.6	48.6	48.7	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.1
≥ 1400	47.8	48.3	48.8	48.8	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.3	49.3
≥ 1200	49.6	50.2	50.9	50.9	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4
≥ 1000	50.2	50.6	50.9	50.9	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.4	51.4
≥ 800	59.3	59.9	60.8	60.8	61.1	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5
≥ 600	60.8	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
≥ 400	70.7	71.1	72.5	72.7	73.2	73.4	73.9	74.0	74.0	74.4	74.4	74.4	74.4	74.5	74.7
≥ 200	72.2	73.9	75.3	75.7	76.2	76.5	77.0	77.2	77.2	77.6	77.6	77.6	77.6	77.7	78.0
≥ 100	72.6	74.3	75.8	76.2	76.5	77.1	77.6	77.8	77.8	78.3	78.3	78.3	78.3	78.4	78.6
≥ 50	74.2	75.1	77.0	78.1	78.7	78.9	79.5	79.7	79.7	80.1	80.1	80.1	80.2	80.2	80.4
≥ 25	74.4	76.0	76.2	78.6	79.5	79.9	80.4	80.8	80.8	81.2	81.2	81.2	81.3	81.3	81.5
≥ 15	74.8	76.5	80.1	80.5	81.4	81.8	82.5	82.8	82.8	83.2	83.2	83.2	83.3	83.3	83.5
≥ 10	77.2	83.2	81.9	82.5	83.5	84.0	84.7	85.2	85.2	85.6	85.6	85.6	85.6	85.9	86.1
≥ 5	78.4	81.4	83.1	83.8	84.9	85.4	86.9	87.4	87.4	87.8	88.1	88.1	88.2	88.2	88.4
≥ 2.5	79.2	87.5	84.4	85.4	86.8	87.2	88.7	89.4	89.4	89.8	90.0	90.0	90.1	90.1	90.3
≥ 2	79.9	83.1	85.2	86.2	88.0	88.4	90.1	90.8	90.8	91.2	91.4	91.4	91.5	91.5	91.7
≥ 1.5	80.1	83.4	85.5	86.6	88.5	89.0	90.9	91.6	91.6	92.4	92.6	92.6	92.7	92.7	92.9
≥ 1.25	80.5	84.0	86.2	87.6	89.8	90.3	92.3	93.2	93.2	94.0	94.5	94.5	94.7	94.7	94.9
≥ 1	81.7	85.2	87.3	88.8	91.0	91.5	93.2	94.6	94.6	95.0	96.1	96.1	96.3	96.3	96.6
≥ .75	82.4	85.8	88.1	89.5	91.6	92.7	94.2	95.3	95.3	96.2	96.8	96.8	97.0	97.0	97.2
≥ .58	82.5	85.9	88.6	90.0	92.2	92.7	94.7	95.8	95.8	97.1	97.6	97.6	97.8	97.8	98.1
≥ .5	82.6	86.0	88.8	90.2	92.4	92.9	94.9	96.0	96.0	97.3	97.8	98.1	98.3	98.3	98.5
≥ .36	82.7	86.2	89.0	90.4	92.6	93.1	95.2	96.2	96.2	97.5	98.2	98.4	98.6	98.6	98.8
≥ .3	82.9	86.3	89.2	90.6	92.8	93.3	95.4	96.5	96.5	97.7	98.4	98.7	98.9	98.9	99.1
≥ .25	83.0	86.6	89.4	90.8	92.9	93.4	95.5	96.6	96.6	97.8	98.5	98.8	99.0	99.1	99.3
≥ .2	83.2	86.8	89.6	91.0	93.1	93.7	95.7	96.8	96.8	98.2	98.8	99.1	99.4	99.5	99.8
≥ .15	83.2	86.9	89.8	91.2	93.3	93.9	95.9	97.0	97.0	98.4	99.0	99.4	99.6	99.7	100.0
≥ .125	83.2	86.9	89.8	91.2	93.3	93.9	95.9	97.0	97.0	98.4	99.0	99.4	99.6	99.7	100.0
≥ .1	83.2	86.9	89.8	91.2	93.3	93.9	95.9	97.0	97.0	98.4	99.0	99.4	99.6	99.7	100.0
≥ .075	83.2	86.9	89.8	91.2	93.3	93.9	95.9	97.0	97.0	98.4	99.0	99.4	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 940

ATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

CEILING VERSUS VISIBILITY

STATION NAME FT. T. WILSON, NC/ILWAB STATION NO. 57-66 YEARS 1954-1955 MONTH 1954

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

1500-1700
MONTHLY

CEILING FEET	VISIBILITY: STATUTE MILES:															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2½	≥ 2	≥ 1½	≥ 1¼	≥ 1	≥ ¾	≥ 5/8	≥ ½	≥ 5/16	≥ ¼	≥ 0
NO CEILING	41.0	42.3	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.4	42.7	42.7	42.7	42.7
≥ 20000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 18000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 16000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 14000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 12000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 10000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 9000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 8000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 7000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 6000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 5000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 4500	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 4000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 3500	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 3000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 2500	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 2000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1800	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1500	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1200	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 1000	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 900	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 800	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 700	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 600	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 500	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 400	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 300	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 200	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 100	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
≥ 0	46.5	47.1	47.2	47.2	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3

TOTAL NUMBER OF OBSERVATIONS 930

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

CEILING VERSUS VISIBILITY

STATION 00218 PORT WILSON LC/USMC APT

57-60

YEARS

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

1-00-2000
MONTH (LCL)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.4	≥ 1	≥ .75	≥ .58	≥ .5	≥ .516	≥ .4	≥ 0
NO CEILING ≥ 20000	46.6	46.5	47.2	47.3	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
18000	49.5	49.7	50.1	50.2	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
16000	49.5	49.7	50.1	50.2	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
14000	50.6	51.0	51.4	51.5	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
12000	54.0	54.2	54.6	54.7	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
10000	59.0	60.3	61.1	61.2	61.5	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
9000	62.5	63.0	63.2	64.0	64.3	64.3	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
8000	65.4	66.1	67.1	67.2	67.6	67.7	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
7000	69.6	71.0	72.2	72.6	73.2	73.4	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
6000	71.7	72.9	74.1	74.3	75.2	75.4	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
5000	74.8	75.2	77.5	78.3	78.9	79.1	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
4500	75.8	77.5	78.8	79.6	80.2	80.4	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
4000	77.0	78.7	80.2	81.2	82.2	82.5	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
3500	77.7	79.6	81.3	82.4	83.3	83.7	84.1	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5
3000	78.8	80.8	82.6	83.7	84.7	85.1	85.5	85.8	85.8	86.0	86.1	86.1	86.1	86.1	86.1	86.1
2500	79.0	81.5	83.4	84.5	85.8	86.1	86.8	87.1	87.1	87.4	87.5	87.5	87.5	87.5	87.5	87.5
2000	80.0	82.9	85.1	86.2	88.0	88.3	88.9	89.5	89.5	90.0	90.3	90.3	90.3	90.3	90.3	90.3
1800	80.8	83.2	85.4	86.6	88.3	88.6	89.2	89.9	89.9	90.4	91.0	91.0	91.0	91.0	91.0	91.0
1500	81.0	84.1	86.2	87.4	89.1	89.5	90.2	91.0	91.0	91.9	92.5	92.5	92.7	92.7	92.7	92.7
1200	82.7	85.4	87.6	89.0	90.8	91.1	91.8	92.6	92.7	93.7	94.5	94.5	94.7	94.7	94.7	94.7
1000	84.0	86.6	89.1	90.5	92.5	92.9	93.8	94.5	94.6	95.6	96.6	96.6	96.8	96.8	96.8	96.8
900	84.4	87.2	89.8	91.2	93.1	93.5	94.4	95.2	95.3	96.2	97.4	97.4	97.6	97.6	97.6	97.6
800	84.5	87.3	90.0	91.4	93.3	93.6	94.6	95.4	95.5	96.5	97.6	97.6	97.8	97.8	97.8	97.8
700	84.0	87.4	90.1	91.5	93.4	93.9	94.7	95.6	95.7	96.7	97.8	97.8	98.1	98.1	98.1	98.1
600	85.1	87.8	90.5	91.9	93.9	94.3	95.2	96.0	96.1	97.1	98.3	98.3	98.5	98.5	98.5	98.5
500	85.4	88.3	91.1	92.7	94.6	95.1	95.9	96.8	96.9	97.8	99.0	99.0	99.2	99.2	99.2	99.2
400	85.4	88.3	91.1	92.9	94.8	95.3	96.2	97.1	97.2	98.2	99.5	99.5	99.7	99.7	99.7	99.7
300	85.4	88.2	91.1	93.0	94.9	95.4	96.5	97.3	97.4	98.4	99.7	99.7	99.9	99.9	99.9	99.9
200	85.4	88.2	91.1	93.0	94.9	95.4	96.5	97.3	97.4	98.4	99.7	99.7	100.0	100.0	100.0	100.0
100	85.4	88.3	91.1	93.0	94.9	95.4	96.5	97.3	97.4	98.4	99.7	99.7	100.0	100.0	100.0	100.0
0	85.4	88.3	91.1	93.0	94.9	95.4	96.5	97.3	97.4	98.4	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 730

DATA FOR CEILING VERSUS VISIBILITY
 10-14-5 (OL 1)
 10-14-5 (OL 1)

CEILING VERSUS VISIBILITY

PERCENTAGE FREQUENCY OF OCCURRENCE (FROM HOURLY OBSERVATIONS)

CEILING FEET	VISIBILITY STATUTE MILES															
	≥ 10	≥ 6	≥ 5	≥ 4	≥ 3	≥ 2.5	≥ 2	≥ 1.5	≥ 1.2	≥ 1	≥ .75	≥ .5	≥ .4	≥ .3	≥ .2	≥ 0
≥ 20000	46.1	46.3	47.2	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
18000	47.1	47.6	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
16000	47.1	49.6	50.3	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
14000	47.1	50.3	51.1	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
12000	47.1	51.3	52.0	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
10000	47.1	52.5	54.3	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
9000	47.1	53.8	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
8000	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
7000	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
6000	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
5000	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
4500	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
4000	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
3500	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
3000	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
2500	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
2000	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
1800	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
1500	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
1200	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
1000	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
900	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
800	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
700	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
600	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
500	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
400	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
300	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
200	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
100	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
0	47.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7

TOTAL NUMBER OF OBSERVATIONS 730

PART D

SKY COVER

This summary is prepared from hourly observations and is a percentage frequency distribution of total sky cover by tenths, plus mean sky cover, and total number of observations. It is presented in two tables as follows:

1. By month and annual - all hours and all years combined.
2. By month - by standard 3-hour groups.

NOTE: # 1: Sky cover (total cloud amount) was not reported by U. S. Services until mid 1945. Data, when available, were punched for Air Force stations beginning in 1946, but were not available for Navy stations until 1948 or 1949. Weather Bureau stations recorded total cloud amount in remarks beginning sometime in 1945, but few stations have punched data prior to 1948. This summary will, of course, be limited to period of available data.

NOTE: # 2: Some sources of punched data used for this summary report cloud amounts in oktas. These have been converted to tenths prior to summarizing, and notation is made on the form to indicate that data were originally reported in oktas. The manner of conversion is given below:

<u>OKTAS</u>	<u>TENTHS</u>
0	0
1	1
2	3
3	4
4	5
5	6
6	8
7	9
8 (or obscured)	10

2

DATA PROCESSING DIVISION
ETAG/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25210 FORT WILSON DC/MUSKOGEE APT
STATION

57-66

PERIOD

ALL
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JAN	ALL	15.6	7.7	5.9	4.8	3.7	2.6	3.4	3.8	5.8	12.5	34.3	6.1	7440
FEB		4.2	7.5	5.9	4.7	3.3	2.5	3.5	4.7	7.0	16.5	35.1	6.7	6768
MAR		11.1	8.1	7.1	5.4	4.1	3.4	4.3	5.5	7.5	14.7	28.8	6.2	7440
APR		6.0	7.4	6.6	5.9	5.0	3.8	4.3	6.6	9.4	18.3	25.4	6.4	7200
MAY		2.0	6.8	7.0	6.1	5.3	4.6	4.9	7.5	10.3	20.9	24.1	6.8	7439
JUN		.5	4.9	5.8	5.9	5.5	4.7	6.5	8.8	11.9	27.8	17.9	7.0	7194
JUL		.7	5.3	7.8	7.9	6.8	5.8	6.8	8.9	11.8	23.4	14.7	6.6	7440
AUG		3.3	7.1	7.3	7.4	6.6	5.5	6.1	7.6	10.4	20.4	18.3	6.4	7440
SEP		4.3	7.1	6.7	6.3	5.1	4.1	4.8	6.8	9.3	21.1	24.5	6.7	7200
OCT		6.0	6.4	5.5	5.8	4.4	3.6	4.8	5.5	9.4	20.0	27.3	6.7	7440
NOV		7.7	7.6	5.9	4.7	3.4	2.9	3.4	4.4	6.4	17.7	35.8	6.8	7200
DEC		4.3	7.7	5.8	5.1	4.0	3.3	3.3	4.2	7.0	15.6	35.0	6.6	7440
TOTALS		6.5	7.0	6.4	5.8	4.8	3.9	4.7	6.2	8.9	19.1	26.8	6.6	87641

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/PAC

SKY COVER

20210 FORT NELSON BC/MUSKWA OUT APT
STATION STATION NAME

57-66

PERIOD

JAN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JAN	00-02	25.3	7.3	4.7	4.5	3.4	1.6	2.6	3.2	3.3	7.4	36.3	5.5	930
	03-05	23.9	8.9	4.0	4.6	2.7	1.7	3.0	1.9	3.9	7.3	38.1	5.6	930
	06-08	13.3	9.2	6.7	4.4	3.8	2.5	3.0	3.5	6.9	11.4	35.3	6.2	930
	09-11	5.4	8.0	6.9	4.4	3.0	2.9	3.8	4.9	8.2	22.5	29.5	6.6	930
	12-14	8.2	7.2	5.8	4.5	3.2	3.1	3.1	4.7	8.9	20.5	30.3	6.7	930
	15-17	8.2	8.7	6.2	5.2	2.6	2.9	3.1	6.0	7.3	18.5	31.3	6.6	930
	18-20	17.7	6.6	6.8	5.4	5.4	3.5	4.0	3.4	4.8	5.8	36.3	5.8	930
	21-23	22.8	4.6	5.6	5.6	4.9	2.5	4.0	2.6	3.3	6.5	37.4	5.7	930
TOTALS		12.6	7.7	5.9	4.8	3.7	2.6	3.4	3.8	5.8	12.5	34.3	6.1	7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

2521R FORT FLSIN NC/MISSNA FORT APT
STATION STATION NAME

57-66

PERIOD

FEB
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS LST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
FEB	00-02	14.8	8.3	5.7	4.3	3.4	2.1	4.4	4.1	0.6	7.9	38.4	6.2	846
	03-05	14.2	6.5	6.5	4.4	2.2	2.4	3.4	3.7	5.4	4.6	41.7	5.5	846
	06-08	6.5	6.9	6.1	4.8	3.3	5.0	5.3	4.1	6.3	17.5	36.2	6.5	846
	09-11	2.5	7.2	4.8	4.7	2.8	1.5	3.5	5.0	9.7	21.6	36.4	7.4	846
	12-14	3.4	7.8	4.5	5.2	4.5	3.5	2.6	6.5	8.5	21.5	31.9	7.1	846
	15-17	5.4	6.7	6.7	4.1	2.2	2.1	3.2	5.2	7.3	27.3	29.6	7.1	846
	18-20	9.0	9.3	7.4	4.8	3.9	2.7	3.3	4.0	5.4	16.7	32.7	6.4	846
	21-23	16.4	7.6	5.4	5.1	4.3	3.0	2.6	4.7	6.6	9.8	34.0	6.0	846
TOTALS		9.2	7.5	5.9	4.7	3.3	2.5	3.5	4.7	7.0	16.5	35.1	6.7	6768

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/NAO

20214 FURN IN: SIA HC/MUSKWA OUT APT
STATION STATION NAME

57-66

4AR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS EST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
01-02	22.3	8.3	6.0	5.8	4.3	2.5	2.7	4.6	5.9	7.4	30.2	5.3	930	
03-05	20.4	9.2	5.6	4.4	2.9	1.8	3.7	6.3	6.2	7.6	31.7	5.6	930	
06-08	5.2	7.2	8.2	5.6	3.0	3.9	4.3	5.5	7.1	20.1	30.0	6.7	930	
09-11	5.0	7.1	6.5	4.7	4.6	2.5	4.0	5.6	8.7	18.7	31.8	6.8	930	
12-14	5.4	8.5	8.2	3.5	3.1	4.2	5.6	5.5	9.8	20.5	25.7	6.6	930	
15-17	4.1	8.8	7.5	5.5	4.6	4.5	5.2	6.0	8.3	20.2	25.3	6.6	930	
18-20	5.8	8.7	8.4	7.3	5.8	4.6	4.7	4.8	8.3	15.4	26.1	6.2	930	
21-23	19.7	6.8	6.2	6.6	4.8	3.1	4.1	5.7	5.6	8.0	29.5	5.5	930	
TOTALS	11.1	8.1	7.1	5.4	4.1	3.4	4.3	5.5	7.5	14.7	28.8	6.2	7440	

USAF ETAC FORM 095 (OLI) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

20218 FORT NELSON BC/MUSKWA OUT APT
STATION STATION NAME

57-66

PERIOD

APR
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
APR	00-02	17.4	8.8	6.6	6.6	3.7	3.8	3.1	3.2	7.4	9.0	28.1	5.5	900
	03-05	8.9	9.2	7.2	6.0	4.8	3.3	4.2	5.7	8.7	16.4	25.6	6.2	900
	06-08	5.3	6.9	7.1	4.8	5.0	2.9	3.9	5.2	8.2	22.7	28.0	6.8	900
	09-11	3.0	7.0	5.7	5.4	6.4	4.0	4.6	6.3	9.0	19.3	28.7	6.8	900
	12-14	2.3	6.3	4.4	4.3	5.7	4.9	7.1	9.3	12.1	19.8	23.7	6.9	900
	15-17	3.1	4.9	5.8	4.9	4.1	3.6	5.7	8.3	12.3	25.8	21.6	7.0	900
	18-20	3.0	5.8	7.6	7.7	5.8	4.6	4.9	6.9	9.8	22.0	22.1	6.6	900
	21-23	10.5	10.5	8.1	7.2	4.8	3.3	4.7	6.0	7.9	11.7	25.2	5.7	900
TOTALS		6.4	7.4	6.6	5.9	5.0	3.8	4.8	6.6	9.4	15.3	25.4	6.4	7200

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

37-66

MAY
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS [LST]	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AV	00-02	6.2	12.3	4.0	6.0	7.2	3.3	4.3	5.7	6.9	16.0	25.1	6.0	930
	03-05	3.0	9.4	6.6	6.5	4.0	4.3	4.5	6.1	8.7	22.3	23.5	6.6	930
	06-08	3.7	6.8	7.6	4.4	5.3	3.4	3.2	6.8	9.9	20.3	28.6	6.9	930
	09-11	1.4	5.8	6.7	5.3	6.2	4.6	4.8	7.1	10.9	22.5	24.7	7.0	930
	12-14	.9	3.7	4.2	4.4	6.0	6.6	5.3	8.9	13.3	24.6	22.2	7.3	930
	15-17	1.1	2.6	4.2	5.6	5.1	4.5	6.1	10.8	14.2	23.2	22.7	7.3	930
	18-20	1.5	4.0	7.6	7.8	5.3	6.1	6.3	8.4	10.3	21.9	20.6	6.8	930
	21-23	2.8	9.7	10.2	8.5	4.4	4.3	5.0	6.2	7.9	15.9	25.1	6.3	929
TOTALS		2.6	6.8	7.0	6.1	5.3	4.6	4.9	7.5	10.3	20.9	24.1	6.8	7439

SKY COVER

25212 FORT NELSON BC/MUSKWA OUT APT
STATION STATION NAME

57-66

JUN
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JUN	00-02	.9	10.6	8.1	8.9	4.7	4.8	5.6	7.7	9.8	22.1	17.0	6.3	900
	03-05	.9	6.6	7.2	8.6	4.1	3.8	6.6	7.7	10.9	26.8	17.0	6.7	900
	06-08	.8	6.1	6.3	7.7	6.0	2.8	4.8	6.2	9.7	29.2	20.4	7.0	900
	09-11	.0	3.6	5.9	5.9	7.6	4.7	6.6	9.3	10.9	25.2	19.9	7.0	900
	12-14		1.8	2.9	3.2	5.5	6.3	7.8	12.0	14.2	27.4	18.9	7.5	899
	15-17		1.6	2.8	3.2	5.2	5.2	7.4	8.7	15.3	34.3	16.3	7.6	897
	18-20	.4	2.8	6.6	3.6	4.2	3.9	7.6	9.9	13.0	30.3	17.5	7.3	898
	21-23	.4	5.9	6.9	5.9	6.6	5.8	5.6	8.7	11.3	26.9	16.1	6.8	900
TOTALS		.5	4.9	5.8	5.9	5.5	4.7	6.5	8.8	11.9	27.8	17.9	7.0	7194

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/AC

SKY COVER

57-66

JUL

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
JUL	00-02	.8	10.5	7.8	7.7	8.5	5.8	7.1	8.0	10.3	21.0	12.5	6.1	930
	03-05	1.0	7.8	9.9	8.6	6.0	5.4	8.0	5.9	10.8	21.1	15.6	6.3	930
	06-08	1.5	6.1	9.8	7.5	6.5	4.3	5.7	9.1	10.6	21.0	18.0	6.5	930
	09-11	1.5	4.8	6.7	8.4	8.1	6.3	6.0	9.2	10.9	19.2	18.8	6.6	930
	12-14	.4	3.5	6.0	7.4	6.5	6.0	7.4	9.9	13.9	25.5	13.4	6.8	930
	15-17	.1	2.5	6.3	6.7	6.5	6.5	6.9	10.3	14.6	28.0	11.8	6.9	930
	18-20		2.9	8.0	7.7	5.8	6.1	6.7	9.0	12.6	28.4	12.8	6.8	930
	21-23	.4	4.5	8.2	8.9	6.9	6.3	6.7	9.8	11.0	22.6	14.8	6.5	930

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25218
STATION

PORT NELSON EC/MUSKWA DUT APT
STATION NAME

57-66

ALG
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
AUG	00-02	10.3	13.8	8.4	7.3	7.0	5.6	6.1	6.1	5.4	13.1	18.7	5.3	930
	03-05	3.4	8.5	9.2	7.2	6.3	4.8	5.7	6.2	10.4	20.0	18.1	6.2	930
	06-08	2.4	7.3	5.3	5.3	5.3	4.5	5.4	8.1	11.2	23.5	22.0	6.9	930
	09-11	2.9	4.9	7.8	7.5	6.1	4.8	4.1	6.9	9.4	24.6	20.9	6.7	930
	12-14	1.0	3.5	5.1	3.9	4.8	6.2	8.1	9.5	13.9	21.9	17.1	6.8	930
	15-17	1.0	3.5	6.7	6.2	8.5	7.7	7.5	8.3	13.3	21.3	15.9	6.7	930
	18-20	1.3	5.4	7.8	8.9	7.2	6.6	6.7	7.8	11.7	21.7	14.8	6.4	930
	21-23	4.1	10.2	8.1	7.8	7.7	5.5	5.2	8.2	7.6	16.7	18.9	6.0	930
TOTALS		3.3	7.1	7.3	7.4	6.6	5.5	6.1	7.6	10.4	20.4	18.3	6.4	7440

USAF ETAC FORM 0-9.5 (OLI) JUL 64 PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/HAC

SKY COVER

SEP
MON

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9	10		
SEP	00-02	10.4	11.3	6.0	6.2	5.1	5.6	4.2	6.7	6.8	13.0	26.7	5.9	900
	03-05	6.3	8.8	6.2	7.0	5.7	4.0	4.6	5.8	10.1	14.7	26.9	6.3	900
	06-08	1.2	4.0	4.8	4.3	3.4	2.1	4.8	7.4	11.2	29.6	27.1	7.6	900
	09-11	2.1	4.9	5.9	4.9	3.2	4.7	4.6	4.7	10.8	27.8	26.6	7.3	900
	12-14	2.4	4.0	6.6	6.7	5.3	4.3	5.4	7.4	9.1	24.7	24.0	7.0	900
	15-17	1.6	4.1	7.4	5.8	7.3	4.3	4.4	7.2	8.6	27.4	21.6	7.0	900
	18-20	2.3	8.0	8.2	7.8	5.1	4.8	5.3	8.0	11.1	18.8	20.6	6.4	900
	21-23	9.2	11.3	8.1	7.3	5.6	4.7	5.0	6.9	6.9	12.6	22.4	5.7	900
TOTALS		4.5	7.1	6.7	6.3	5.1	4.1	4.8	6.8	9.3	21.1	24.5	6.7	7200

SKY COVER

NET
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (LST)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
JULY	00-02	13.4	11.0	6.1	4.4	5.1	1.9	4.7	4.6	6.6	10.3	31.0	5.8	930
	03-05	11.8	9.9	5.3	5.5	4.3	4.3	3.5	5.6	7.2	12.3	30.3	6.1	930
	06-08	2.3	6.2	5.3	4.5	4.7	4.0	5.6	5.3	10.3	25.2	26.7	7.2	930
	09-11	1.2	4.6	4.9	6.1	4.9	3.1	4.7	5.3	10.5	28.4	26.1	7.3	930
	12-14	1.0	3.5	4.4	7.3	3.4	4.7	6.2	7.6	11.9	25.6	24.2	7.3	930
	15-17	1.8	3.5	5.4	6.5	5.2	4.1	5.3	4.8	12.8	27.5	23.1	7.2	930
	18-20	7.4	4.2	6.5	6.0	4.0	3.7	4.0	6.1	8.2	18.8	26.5	6.4	930
	21-23	15.3	8.4	6.0	5.2	3.7	3.1	4.4	4.3	7.4	11.8	30.4	5.9	930
TOTALS		6.8	6.9	5.5	5.8	4.4	3.6	4.8	5.5	9.4	20.0	27.3	6.7	7440

2

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE/MAC

SKY COVER

25219 FORT NELSON BC/MUSKWA DUT APT
STATION STATION NAME

57-66

PERIOD

NOV
MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS (L.S.T.)	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER											MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.
		0	1	2	3	4	5	6	7	8	9	10		
NOV	00-02	12.6	9.1	5.8	4.0	2.8	1.8	3.2	4.1	7.0	9.3	40.1	6.4	900
	03-05	15.0	6.8	6.6	3.4	3.1	2.6	3.1	3.4	7.4	7.8	40.8	6.4	900
	06-08	6.4	8.4	5.0	4.3	3.8	3.3	4.0	4.4	6.1	16.6	37.6	6.9	900
	09-11	1.9	6.9	5.3	4.8	3.0	3.3	2.2	4.7	5.4	30.2	32.2	7.4	900
	12-14	2.1	6.2	5.9	4.1	2.4	3.8	4.7	5.4	8.2	28.7	27.8	7.3	900
	15-17	2.1	8.0	6.0	4.8	4.0	3.2	3.3	6.3	6.8	24.1	31.3	7.2	900
	18-20	7.8	7.6	6.6	6.4	4.8	3.8	3.3	4.2	4.2	12.9	38.4	6.6	900
	21-23	13.1	7.7	6.1	6.1	3.4	1.3	3.3	2.9	5.9	11.8	38.3	6.4	900
TOTALS		7.7	7.6	5.9	4.7	3.4	2.9	3.4	4.4	6.4	17.7	35.8	6.8	7200

SKY COVER

25210 FORT NELSON BC/MUSKWA DUT APT
STATION STATION NAME

57-66

DEC
MONTH

PERIOD

MONTH

PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

MONTH	HOURS ELST	PERCENTAGE FREQUENCY OF TENTHS OF TOTAL SKY COVER										MEAN TENTHS OF SKY COVER	TOTAL NO. OF OBS.	
		0	1	2	3	4	5	6	7	8	9			10
EO	00-02	15.7	8.8	5.1	4.5	3.0	2.6	3.4	4.3	5.9	8.3	38.4	6.1	930
	03-05	16.0	7.3	5.2	5.4	4.9	3.9	3.0	3.8	5.1	8.1	37.4	6.0	930
	06-08	7.8	9.2	7.3	4.3	4.7	3.2	2.7	3.7	6.0	15.9	35.1	6.6	930
	09-11	1.3	6.6	6.0	5.4	4.5	3.3	3.5	4.2	9.1	24.5	31.4	7.3	930
	12-14	2.7	7.3	4.8	4.9	4.4	2.4	3.5	5.3	11.1	25.5	28.1	7.2	930
	15-17	2.7	7.6	6.2	5.6	3.4	4.3	2.8	4.9	9.0	21.7	31.6	7.1	930
	18-20	11.9	7.2	6.1	5.2	4.4	3.7	3.0	4.0	4.9	11.9	37.6	6.4	930
	21-23	14.0	7.7	5.6	5.7	2.6	2.7	4.2	3.4	4.9	9.0	40.1	6.3	930
TOTALS		9.2	7.7	5.8	5.1	4.0	3.3	3.3	4.2	7.0	15.6	35.0	6.6	7440

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (MAC)
ASHEVILLE, NORTH CAROLINA

PART E PSYCHROMETRIC SUMMARIES

In this section are presented various summaries of dry- and wet-bulb temperatures, dew points, and relative humidity. The order and manner of presentation follows:

DATA NOT AVAILABLE

1. Cumulative percentage frequency of occurrence - derived from daily observations and presented by month and annual for all years combined. These tabulations provide the cumulative percentage frequency to tenths of temperature by 5-degree Fahrenheit increments, plus mean temperature, standard deviation, and total number of observations in three separate tables as follows:

- a. Daily maximum temperature
- b. Daily minimum temperature
- c. Daily mean temperature

DATA NOT AVAILABLE

2. Extreme values - derived from daily observations with extreme value given for each year and month of record available. Extremes are provided for a month if all days for a month contain valid observations. All months for a year must have valid extremes before the ANNUAL value is selected for that year. Means and standard deviations are computed for months and annual when four or more values are present for any column. Two tables of daily extreme temperatures are prepared:

- a. Extreme maximum temperature
- b. Extreme minimum temperature

NOTE: A supplementary list also provides extreme temperatures when less than a full month is reported.

3. Bivariate percentage frequency distribution and computations of dry-bulb versus wet-bulb temperature. This tabulation is derived from hourly observations and is presented by month and annual, all hours and all years combined. The following information is provided:

- a. The main body of the summary consists of a bivariate percentage frequency distribution of wet-bulb depression in 17 classes spread horizontally; by 2-degree intervals of dry-bulb temperature vertically. Also provided for each dry-bulb temperature interval is the percentage of observations with dry-bulb and wet-bulb temperature combined; and again for dry-bulb, wet-bulb, and dew-point temperatures separately. Total observations for these four items is also provided in two lines at end of each tabulation table, which may require two pages in some cases.

NOTE: A percentage frequency in this table of ".0" represents one or more occurrences amounting to less than .05 percent.

- b. Statistical data for the individual elements of relative humidity, dry-bulb, wet-bulb, and dew-point temperatures are shown in the section at the bottom left of the forms. These consist of the sum of squares ($\sum X^2$), sums of values ($\sum X$), means (\bar{X}), and standard deviations (σx). The number of observations used in the computations for each element is also shown.
- c. At the lower right of the form are given the mean number of hours of occurrence for six ranges of dry-bulb, wet-bulb, and dew-point temperatures, and total number of hours possible in the period represented. Mean number of hours is shown to tenths and indicates mean number of hours per year in the annual summary, or mean number of hours per month in the tabulations by month.

NOTE: Wet-bulb temperature usually was not reported prior to 1946. Relative humidity usually was not reported prior to 1949, nor subsequent to June 1958; and was computed by machine methods for observations recorded during these periods. All values of dew-point temperature and relative humidity are with respect to water, unless otherwise indicated.

- 4. Means and standard deviations - These tabulations are derived from hourly observations and present the mean, standard deviation, and total number of observations for the eight standard 3-hour groups, by month and annual and again at the bottom for all hours combined. Records for all years available are combined. Tables are prepared for the following:
 - a. Dry-bulb temperature
 - b. Wet-bulb temperature
 - c. Dew-point temperature
- 5. Cumulative percentage frequency of occurrence of relative humidity - This summary is derived from hourly observations and presents the cumulative percentage frequency of occurrence of relative humidity by increments of 10% classes, plus the mean relative humidity and total number of observations in two tables.
 - a. Table 1 is prepared by month and annual, all years combined, with month being the vertical argument.
 - b. Table 2 is prepared by month by standard 3-hour groups, with the hour groups being the vertical argument and a separate page for each month. All years are also combined for this summary.

DATA PROCESSING DIVISION
USAF ETAG
AIR SEATER SERVICE/ SAC

PSYCHROMETRIC SUMMARY

2521c FRED NELSON HC/MUSKOGEE NAT APT 57-66

ALL

$$M \supset N \supset H$$

PA' F 1

ALL

1000

Temp (F)		WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL D.B. W.B.		TOTAL Dry Bulb Wet Bulb		Dew Point		
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31						
92/	91																																	2	2				
90/	89																																	4	4				
88/	87																																	22	22				
86/	85																																	63	63				
84/	83																																	153	153				
82/	81																																	195	195				
80/	79																																	297	297				
78/	77																																	493	493				
76/	75																																	694	694				
74/	73																																	887	887				
72/	71																																	1059	1059				
70/	69																																	1262	1262				
68/	67																																	1331	1331	14	1		
66/	65																																	1624	1624	198	1		
64/	63																																	1715	1715	309	10		
62/	61																																	2099	2099	984	37		
60/	59																																	2276	2276	1829	160		
58/	57																																	2467	2467	2699	377		
56/	55																																	2829	2829	3301	904		
54/	53																																	2630	2630	3418	1570		
52/	51																																	2753	2753	3425	2073		
50/	49																																						

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

ALL

STATION NAME

YEARS

MACRO-H

PAGE 3

ALL

MOORE, L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-44/-45																			34		8														
-46/-47																			12		1														
-48/-49																			8																
-50/-51																			5																
TOTAL	17.9	23.6	10.5	6.8	5.4	4.6	3.5	2.9	2.1	1.4	.9	.4	.1	.1	.0	.0		86935	87640	86935															

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\pm 0 F$	$\pm 32 F$	$\pm 67 F$	$\pm 73 F$	$\pm 80 F$	$\pm 93 F$	
Rel. Hum.	502598425	6408975	73.7	18.609	86932							
Dry Bulb	144934157	2332337	29.1	28.385	87640	1792.3	4291.0	646.3	231.0	56.3		8760
Wet Bulb	111587218	2268944	26.1	24.544	86935	1778.0	4381.7	6.6				8760
Dew Point	88423391	1817759	20.9	24.082	86935	2114.8	414.9	.2				8760

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25215 FORT NELSON BC/MUSKWA OUT APT

57-66

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PAGE 1

At 1

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																											TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point											
38/ 37				.0														2	2													
36/ 35	.0	.0	.1	.0														10	10	2	1											
34/ 33	.0	.0	.1	.0														11	11	9	3											
32/ 31			.0	.0														5	5	6	4											
30/ 29		.0	.0															6	6	6	4											
28/ 27	.0	.1	.0															14	14	11	5											
26/ 25	.1	.2	.1															25	25	28	5											
24/ 23	.3	.3	.0															41	41	35	18											
22/ 21	.4	.4																57	57	54	34											
20/ 19	.7	.4																76	76	80	54											
18/ 17	.9	.4																67	67	67	60											
16/ 15	1.1	.4																98	98	98	72											
14/ 13	1.2	.5																118	118	119	87											
12/ 11	1.6	.5																142	142	144	92											
10/ 9	2.1	.3																173	173	172	101											
8/ 7	2.8	.4																227	227	229	169											
6/ 5	2.9	.2																216	216	221	169											
4/ 3	2.8	.2																207	207	206	211											
2/ 1	4.2	.2																308	308	306	237											
0/ -1	5.2	.2																374	374	377	251											
-2/ -3	4.4	.1																311	312	314	245											
-4/ -5	4.1	.1																295	295	295	383											
-6/ -7	5.5	.3																401	401	393	307											
-8/ -9	6.8	.3																491	493	495	284											
-10/-11	6.8	.1																481	483	487	342											
-12/-13	6.9	.2																489	491	491	459											
-14/-15	5.4	.3																398	398	388	417											
-16/-17	3.9	.1																283	283	288	457											
-18/-19	3.0	.1																213	214	215	388											
-20/-21	3.2	.1																227	231	229	321											
-22/-23	3.0	.1																213	215	211	231											
-24/-25	3.2	.0																224	232	227	210											
-26/-27	2.9	.1																														

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

75218	FORT NELSON BC/MUSKWA COT APT
STATION	STATION NAME

57-66

JAN

MONTH

PAGE 2

ALL

MOURES, J. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	> 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-30/-31	2.3	.0																																159	177	160	241		
-32/-33	1.7																																117	133	117	210			
-34/-35	1.1																																73	111	73	179			
-36/-37	.0																																1	108	1	152			
-38/-39																																		94		95			
-40/-41																																		56		54			
-42/-43																																		62		12			
-44/-45																																		34					
-46/-47																																		12					
-48/-49																																		8					
-50/-51																																		5					
TOTAL	72.8	6.8	.4	.1																													6952	7440	6952	6952			

USAFETAC FORM 0-26 5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DIST APT 57-66

End

MONDAY

PAGE 1

ALL

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
46/ 45									.0																									3	3		
44/ 43									.1																									8	8		
42/ 41									.2																									23	23		
40/ 39									.1																									29	29		
38/ 37									.0																									34	34		
36/ 35									.4																									43	43	25	1
34/ 33									.0																									50	50	43	8
32/ 31									.1																									48	48	62	12
30/ 29									.0																									64	64	74	17
28/ 27									.5																									74	74	72	22
26/ 25									.3																									114	114	108	63
24/ 23									.4																									115	115	116	87
22/ 21									.1																									129	129	123	123
20/ 19									.5																									157	157	188	139
18/ 17									.3																									170	170	180	141
16/ 15									.4																									177	177	186	187
14/ 13									.5																									204	204	200	181
12/ 11									.2																									239	239	253	201
10/ 9									.1																									304	304	314	214
8/ 7									.9																									233	233	236	296
6/ 5									.6																									287	287	299	239
4/ 3																																					

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

57-66

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STATION NAME

YEARS

MONTH

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HOURS 5-7

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2

ALL

HOURS 25.1

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL					
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point																	
-6/-7	2.4	.2																197	197	202	292																		
-8/-9	2.4	.2																188	189	190	293																		
-10/-11	2.0	.0																151	151	154	185																		
-12/-13	.9	.0																71	71	70	214																		
-14/-15	.9	.1																71	72	71	154																		
-16/-17	.6	.1																50	50	50	99																		
-18/-19	.7																	55	55	57	73																		
-20/-21	.5																	40	40	40	53																		
-22/-23	.3																	26	26	26	72																		
-24/-25	.2																	17	17	17	48																		
-26/-27	.2																	12	12	12	37																		
-28/-29	.2																	14	14	14	12																		
-30/-31	.1																	11	11	11	16																		
-32/-33	.1																	6	6	6	13																		
-34/-35	.0																	3	3	3	14																		
-36/-37																				3			3																
-38/-39																							5																
-40/-41																							2																
TOTAL	46.8	33.1	10.7	4.0	2.7	1.8	.7	.2	.0									7433		7440		7433		7433															
Element (X)	Σ x ²			Σ x			x̄			s _x			No. Obs.			Mean No. of Hours with Temperature							Total																
Rel. Hum.	43016827			557249			75.0			12.917			7433			≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744																	
Dry Bulb	3142181			94961			12.8			16.108			7440			178.5	656.8					744																	
Wet Bulb	2484008			84008			11.3			14.370			7433			181.5	692.7					744																	
Dew Point	1630819			43183			5.8			13.626			7433			271.9	739.3					744																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

APR
MONTH

PAGE 1

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HOURS (L, S, T,)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
74/ 71											.0							1	1														
72/ 71											.0							3	3														
70/ 69										.0	.0		.0	.0				9	9														
68/ 67									.0	.1	.0			.0				7	7														
66/ 65								.0	.0	.1	.0							15	15														
64/ 63								.0	.2	.1								18	18														
62/ 61							.0	.2	.2									31	31														
60/ 59					.0	.0	.1	.3	.1	.0								40	40														
58/ 57						.1	.3	.5	.1									67	67														
56/ 55						.1	.5	.5	.0									83	83														
54/ 53					.0	.3	.9	.6	.0									133	133														
52/ 51				.2	1.0	1.1	.3	.0										187	187	13													
50/ 49				.0	.5	1.8	.8	.3										242	242	14													
48/ 47			.1	.1	1.3	2.1	.9	.1										333	333	61													
46/ 45		.1	.1	.6	1.8	1.5	.4	.0										323	323	86	1												
44/ 43		.1	.4	1.3	1.9	1.1	.2											359	359	152	1												
42/ 41	.0	.1	.9	2.2	1.7	.5												389	389	267	8												
40/ 39	.0	.5	1.7	2.1	1.2	.1												406	406	450	16												
38/ 37	.1	1.0	2.2	2.3	.8	.0												472	472	632	59												
36/ 35	.3	2.0	3.2	1.6	.2	.0												529	529	715	132												
34/ 33	.5	2.4	3.7	.8	.2													503	503	735	289												
32/ 31	.8	3.2	2.5	.5	.0													508	508	753	437												
30/ 29	.5	3.3	2.4	.2														462	462	651	692												
28/ 27	.5	3.6	1.7	.2	.0													434	434	524	800												
26/ 25	.6	2.9	1.0	.1														327	327	514	878												
24/ 23	.6	2.5	.8	.0														281	281	340	769												
22/ 21	.5	1.8	.5	.0														200	210	293	728												
20/ 19	.6	1.2	.3															147	147	217	572												
18/ 17	.5	.9	.2															118	150	461													
16/ 15	.6	1.1	.1															129	135	291													
14/ 13	.7	.9																11	114	132	221												
12/ 11	.5	.8																90	90	101	191												
10/ 9	.5	.3																56	56	84	154												
8/ 7	.4	.2																42	42	42	132												
Element (X)	Σ x ²		Σ x		x̄		s _x		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total										
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

APR

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STATION NAME

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MOORE, J. C. 1990.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
67 - 5		.3	.2																															35	35	37	110
47 - 3		.4	.1																														38	38	40	86	
27 - 1		.3	.0																														21	21	23	58	
07 - 1		.2	.0																														13	13	14	38	
-27 - 3		.1																															10	10	11	32	
-47 - 5		.1																															6	6	6	17	
-67 - 7		.0																															1	1	1	15	
-87 - 9		.0																															2	2	2	6	
-107 - 11																																				4	
-127 - 13																																				2	
TOTAL	9.529	321.1	12.3	10.0	8.7	5.2	2.8	.8	.3	.1	.0	.0																					7200	7200	7200		

Element (X)	$\Sigma x'$	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0 F$	$\leq 32 F$	$\geq 67 F$	$\geq 73 F$	$\geq 80 F$	$\geq 93 F$	
Rel. Hum.	32782532	466001	64.7	19.084	7200							
Dry Bulb	9609532	248518	34.5	11.971	7200	3.2	304.4	2.0	.1			720
Wet Bulb	7040872	215678	30.0	8.977	7200	3.4	407.0					720
Dew Point	4167320	161860	22.5	8.068	7200	11.4	669.4					720

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON BC/MUSKWA DUT APT 57-66

14 AY

MONTA

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ALL

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Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
88/ 87															.0			1	1																
86/ 85															.0			2	2																
84/ 83														.0	.0			4	4																
82/ 81													.1	.1	.0			10	10																
80/ 79										.0	.0	.1	.1	.0				20	20																
78/ 77										.0	.2	.2	.2	.0				43	43																
76/ 75										.0	.3	.3	.1					55	55																
74/ 73									.0	.1	.4	.3						58	58																
72/ 71								.0	.1	.5	.4	.2						90	90																
70/ 69							.0	.1	.5	.4	.3	.1						109	109																
68/ 67						.0	.1	.3	.5	.4	.3	.0						141	141																
66/ 65					.0	.1	.2	.6	.8	.6	.2							182	182																
64/ 63				.0	.0	.3	.3	.8	.9	.8	.0							243	243																
62/ 61			.0	.2	.4	.9	1.2	1.1	.3	.0								312	312	2															
60/ 59		.0	.2	.4	.5	.9	.8	.8	.1									280	280	11															
58/ 57		.1	.1	.3	.6	.9	1.0	1.2	.5	.0								348	348	43	2														
56/ 55		.1	.2	.5	1.2	1.0	1.4	.8	.4									416	416	144	9														
54/ 53	.0	.1	.3	.7	1.0	1.1	1.1	.8	.1									379	379	262	9														
52/ 51	.0	.3	.4	1.2	1.2	1.2	.8	.5										424	424	322	21														
50/ 49	.1	.7	.7	1.5	1.4	1.3	.5	.2										471	471	469	53														
48/ 47	.1	.9	1.2	1.5	1.1	.8	.2	.0										434	434	620	114														
46/ 45	.2	1.1	1.4	1.3	.8	.4	.2											390	390	719	208														
44/ 43	.3	1.6	1.5	1.6	.9	.3												459	459	721	292														
42/ 41	.3	1.9	1.1	1.2	.8	.2												413	413	743	423														
40/ 39	.4	2.2	1.6	.9	.5	.0												419	419	671	567														
38/ 37	.6	2.2	1.1	.8	.3	.0												378	378	607	743														
36/ 35	.8	2.4	1.2	.9	.2													401	401	566	689														
34/ 33	1.3	1.7	1.0	.4	.1													331	331	488	741														
32/ 31	.7	1.3	.8	.2	.1													223	224	337	698														
30/ 29	.4	1.2	.5	.1	.0													163	163	281	589														
28/ 27	.2	.7	.3	.1														94	94	177	512														
26/ 25	.1	.5	.2															58	58	104	501														
24/ 23	.1	.3	.1															35	35	66	384														
22/ 21	.1	.2	.0															22	22	48	291														
Element (X)	Σ X ²				Σ X				X̄				σ _x				No. Obs.				Mean No. of Hours with Temperature														
Rel. Hum.																					≤ 0 F		+ 32 F		+ 67 F		+ 73 F		+ 80 F		+ 93 F		Total		
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DUT APT

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DAY
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HOURS U.S.T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
20/ 19	.1	.1	.1															12	12	12	228														
18/ 17	.0	.1																9	9	13	132														
16/ 15	.0	.0																2	2	5	105														
14/ 13																					58														
12/ 11	.0																	2	2	2	29														
10/ 9	.0																	2	2	2	17														
8/ 7	.0																	2	2	2	12														
6/ 5	.0																	1	1	1	10														
4/ 3																					1														
TOTAL	5.7	19.7	13.0	13.3	10.8	8.6	7.9	7.4	5.7	3.3	2.4	1.1	.4	.2	.1		7438	7439	7438	7438															
Element (X)	Σ x'	Σ x	Σ x	Σ x	No. Obs.	Mean No. of Hours with Temperature						Total																							
Rel. Hum.	30270315	441667	59.423	328	7439	≤ 0 F	≤ 22 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	744																							
Dry Bulb	18421437	359233	48.312	016	7439		62.6	53.3	19.3	2.1		744																							
Wet Bulb	12916434	304610	41.0	7.700	7438		105.4					744																							
Dew Point	8282491	240879	32.4	8.048	7438		356.8					744																							

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/PAO

25218 FIRST NELSON BC/MUSKWA DIST APT 57-66

JUN
MAY

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HOURS

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USAFETAC FORM 0.26-5 (OIA) BEARING PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

PSYCHROMETRIC SUMMARY

25213 FORT NELSON BC/MUSKWA OUT APT

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STATION NAME

YEARS

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HOURS 11-5 P.M.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

25218 FURT NELSON BC/MUSKWA OUT APT 57-66

JUL

MONTH

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HOURS: 10:30 A.M. - 5:00 P.M.

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PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/HUSKWA OUT APT

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— 674 —

STATION NAME

YEARS

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All

HOURS : 5 Y

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DIST APT

57-66

CCY

STAFF

STATION NAME

YEARS

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

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STATE IN

STATION NAME

YEARS

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HOURS 12.5. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
27 - 1	.1																	8	8	8	22			
0/ -1	.1																	10	10	10	14			
-2/ -3	.2	.0																13	13	12	7			
-4/ -5	.1																	11	11	12	10			
-6/ -7	.0																	1	1	1	11			
-8/ -9	.0																	3	3	3	8			
-10/-11																					4			
TOTAL	26.9	40.1	14.2	7.0	4.5	3.6	2.0	1.0	.4	.2								7437	7440	7437				

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON BC/MUSKWA DUT APT

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NOT

SALES

STATION NAME

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ALL
HOURS (11:55 - 1:00)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																												TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
58/ 57							.0											1	1														
56/ 53								.0										1	1														
52/ 51							.0											2	2														
50/ 49					.0	.0	.0											3	3														
48/ 47				.0	.0	.0	.0											7	7														
46/ 45			.0	.0	.0	.1	.0											13	13	1													
44/ 43			.0	.1	.0	.1	.0											16	16														
42/ 41			.1	.1	.2	.0												30	30	7													
40/ 39		.1	.1	.1	.2													30	30	8													
38/ 37		.2	.1	.2	.1													40	40	28	1												
36/ 35		.3	.4	.2														68	68	46	8												
34/ 33	.0	.7	.4	.0														84	84	62	32												
32/ 31	.3	.8	.3															98	98	142	57												
30/ 29	.3	.7	.3															89	89	114	88												
28/ 27	.4	1.1	.2															122	122	110	78												
26/ 25	.8	1.6	.1															182	182	176	134												
24/ 23	1.1	2.2	.1															240	240	234	162												
22/ 21	1.6	2.6																303	303	293	217												
20/ 19	3.1	2.0																367	367	399	268												
18/ 17	3.6	1.5																367	367	386	383												
16/ 15	3.8	1.2																358	358	367	431												
14/ 13	3.4	1.0																319	319	340	363												
12/ 11	3.6	.6																304	304	306	316												
10/ 9	3.1	.5																397	397	405	312												
8/ 7	3.4	.4																411	411	413	384												
6/ 5	4.8	.3																371	371	374	413												
4/ 3	4.3	.3																326	326	328	337												
2/ 1	4.5	.1																326	326	330	333												
0/ -1	3.9	.1																283	283	283	339												
-2/ -3	4.3	.1																312	312	312	248												
-4/ -5	4.0	.1																295	295	296	352												
-6/ -7	3.5	.1																262	262	261	281												
-8/ -9	2.9	.0		</																													

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

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STATION

STATION NAME

YEARS

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-12/-13	1.8	.1																	132	132	135	201													
-14/-15	1.4	.0																	106	106	104	169													
-16/-17	1.2	.0																	91	91	91	131													
-18/-19	.9	.0																	65	65	65	91													
-20/-21	1.0																		74	74	76	100													
-22/-23	.9																		63	63	63	75													
-24/-25	.9																		62	62	62	70													
-26/-27	.7	.0																	49	49	48	52													
-28/-29	.4																		44	44	45	52													
-30/-31	.3																		23	23	23	68													
-32/-33	.3																		24	24	24	44													
-34/-35	.2																		15	15	15	30													
-36/-37																				16		30													
-38/-39																				11		14													
-40/-41																				2		9													
-42/-43																						1													
-44/-45																						1													
TOTAL	77.3	18.9	2.2	.7	.5	.3	.1	.0											7171	7200	7171	7171													

Element (X)	Σ x'	Σ x	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						Total
Rel. Hum.	31600992	605532	84.4	8.086	7171	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	2016453	50843	7.115	1.73	7200	232.5	690.5					720
Wet Bulb	1812878	48960	6.814	1.360	7171	230.9	704.7					720
Dew Point	1638323	24059	3.414	1.740	7171	286.6	715.9					720

USAFETAC FORM 0-26-5 (OL A) JUL 64 REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
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PSYCHROMETRIC SUMMARY

25218 FORT NELSON EC/MUSKWA DUT APT

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MOSES L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																													TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point												
42/ 41				.1														4	4														
40/ 39			.1	.1														9	9														
38/ 37			.1	.1														15	15	1													
36/ 35		.0	.1	.0	.0													10	10	11													
34/ 33		.0	.1	.0														8	8	9	1												
32/ 31		.1	.1															14	14	13	3												
30/ 29	.0	.1																10	10	22	13												
28/ 27	.0	.2	.1															17	17	12	17												
26/ 25	.2	.4																48	48	39	21												
24/ 23	.5	.4	.0															65	65	71	49												
22/ 21	.5	.4	.0															68	68	73	62												
20/ 19	.6	.4	.0															75	75	73	57												
18/ 17	.7	.5																90	90	88	69												
16/ 15	1.6	.5																148	148	152	84												
14/ 13	1.9	.5																181	181	176	129												
12/ 11	2.8	.6																251	251	251	158												
10/ 9	4.0	.6																320	320	327	192												
8/ 7	4.7	.8																357	357	363	300												
6/ 5	5.2	.8																397	397	400	356												
4/ 3	5.0	.8																382	382	379	317												
2/ 1	4.9	.8																376	376	373	414												
0/ -1	5.5	.1																411	412	415	380												
-2/ -3	5.6	.2																413	418	422	280												
-4/ -5	6.3	.2																474	476	470	414												
-6/ -7	5.1	.1																380	382	379	403												
-8/ -9	4.8	.2																364	368	368	435												
-10/-11	4.5	.1																335	338	335	330												
-12/-13	3.9	.1																289	289	289	342												
-14/-15	3.4	.1																252	252	252	306												
-16/-17	3.7	.0																209	269	271	277												
-18/-19	2.9	.0																214	214	215	268												
-20/-21	2.7	.0																201	201	202	240												
-22/-23	2.1	.1																155	156	151	245												
-24/-25	2.3																	165	165	169	203												
Element (X)	Σ x ²		Σ x		x̄		σ _x		No. Obs.		Mean No. of Hours with Temperature																						
Rel. Hum.											≤ 0 F		≤ 32 F		≥ 67 F		≥ 73 F		≥ 80 F		≥ 93 F		Total										
Dry Bulb																																	
Wet Bulb																																	
Dew Point																																	

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

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DEC

6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 222 223 224 225 226 227 228 229 230 231 232 233 234 235 236 237 238 239 240 241 242 243 244 245 246 247 248 249 250 251 252 253 254 255 256 257 258 259 260 261 262 263 264 265 266 267 268 269 270 271 272 273 274 275 276 277 278 279 280 281 282 283 284 285 286 287 288 289 290 291 292 293 294 295 296 297 298 299 300 301 302 303 304 305 306 307 308 309 310 311 312 313 314 315 316 317 318 319 320 321 322 323 324 325 326 327 328 329 330 331 332 333 334 335 336 337 338 339 340 341 342 343 344 345 346 347 348 349 350 351 352 353 354 355 356 357 358 359 360 361 362 363 364 365 366 367 368 369 370 371 372 373 374 375 376 377 378 379 380 381 382 383 384 385 386 387 388 389 390 391 392 393 394 395 396 397 398 399 400 401 402 403 404 405 406 407 408 409 410 411 412 413 414 415 416 417 418 419 420 421 422 423 424 425 426 427 428 429 430 431 432 433 434 435 436 437 438 439 440 441 442 443 444 445 446 447 448 449 450 451 452 453 454 455 456 457 458 459 460 461 462 463 464 465 466 467 468 469 470 471 472 473 474 475 476 477 478 479 480 481 482 483 484 485 486 487 488 489 490 491 492 493 494 495 496 497 498 499 500 501 502 503 504 505 506 507 508 509 510 511 512 513 514 515 516 517 518 519 520 521 522 523 524 525 526 527 528 529 530 531 532 533 534 535 536 537 538 539 540 541 542 543 544 545 546 547 548 549 550 551 552 553 554 555 556 557 558 559 560 561 562 563 564 565 566 567 568 569 570 571 572 573 574 575 576 577 578 579 580 581 582 583 584 585 586 587 588 589 590 591 592 593 594 595 596 597 598 599 600 601 602 603 604 605 606 607 608 609 610 611 612 613 614 615 616 617 618 619 620 621 622 623 624 625 626 627 628 629 630 631 632 633 634 635 636 637 638 639 640 641 642 643 644 645 646 647 648 649 650 651 652 653 654 655 656 657 658 659 660 661 662 663 664 665 666 667 668 669 670 671 672 673 674 675 676 677 678 679 680 681 682 683 684 685 686 687 688 689 690 691 692 693 694 695 696 697 698 699 700 701 702 703 704 705 706 707 708 709 710 711 712 713 714 715 716 717 718 719 720 721 722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000 1001 1002 1003 1004 1005 1006 1007 1008 1009 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020 1021 1022 1023 1024 1025 1026 1027 1028 1029 1030 1031 1032 1033 1034 1035 1036 1037 1038 1039 1040 1041 104

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HOURS 11 A.M. - 5 P.M.

Temp (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-26/-27	1.0	.0																133	133	132	156															
-28/-29	1.0																	113	113	114	143															
-30/-31	1.0	.0																117	117	117	165															
-32/-33	1.3																	94	95	94	146															
-34/-35	.8																	60	73	60	106															
-36/-37																			52		107															
-38/-39																			40		51															
-40/-41																			22		29															
-42/-43																			10		13															
-44/-45																					7															
-46/-47																					1															
TOTAL	2.5	6.7	.0	.3	.0													7289	7440	7289	7289															

Element (X)	$\Sigma x'$	Σx	\bar{x}	s_x	No. Obs.	Mean No. of Hours with Temperature						
						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	Total
Rel. Hum.	50106904	602408	82.6	6.628	7289							
Dry Bulb	1781170	-32906	-4.4	14.368	7440	459.5	739.4					744
Wet Bulb	1453552	-28350	-3.9	13.576	7289	454.7	741.9					744
Dew Point	1946135	-56845	-7.8	14.360	7289	515.2	743.9					744

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DIST APT

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AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
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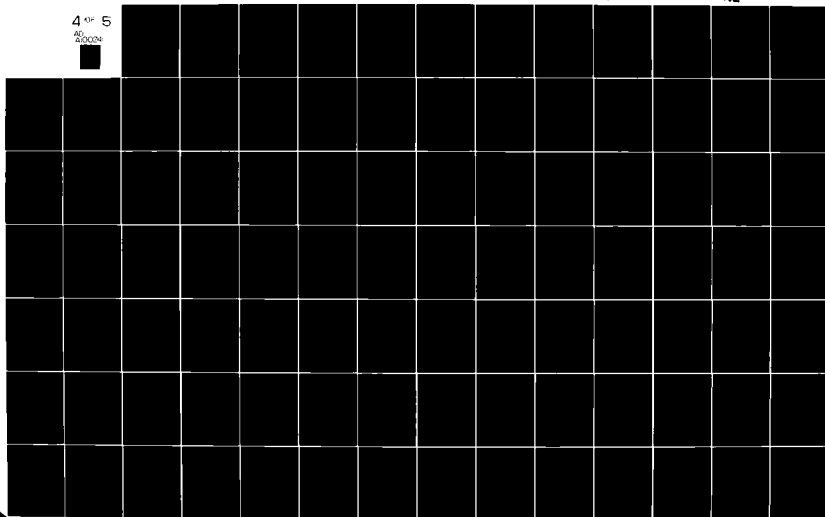
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DATA PROCESSING DIVISION
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AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT
STATION STATION NAME

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MOSES S. T.

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DATA PROCESSING DIVISION
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25210	FORT NELSON BC/MUSKWA CDT APT
STATION	STATION NAME

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STATION NAME

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL	TOTAL			
	0	1 - 2	3 - 4	5 - 6	7 - 8	9 - 10	11 - 12	13 - 14	15 - 16	17 - 18	19 - 20	21 - 22	23 - 24	25 - 26	27 - 28	29 - 30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point															
-40/-41																				8		5														
-42/-43																				10		2														
-44/-45																				7																
-46/-47																				2																
-48/-49																				3																
TOTAL	16.4	3.5	.1																	930		834														

Element (X)	Σx^2	Σx	\bar{x}	σ_x	No. Obs.	Mean No. of hours with Temperature						Total
Rel. Hum.	5614661	68187	81.9	6.304	833	≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F	
Dry Bulb	350210	-11176	-12.0	15.243	930	74.9	92.7					93
Wet Bulb	212201	-7643	-9.2	13.064	834	72.8	92.7					93
Dew Point	305282	-11040	-13.2	13.822	834	78.7	92.7					93

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT
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HOURS L. S. T.

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DATA PROCESSING DIVISION
USAF ETAC
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25218 FORT NELSON BC/MUSKWA DIST APT
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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+ 31	D.B. W.B. Dry Bulb	Wet Bulb Dew Point																
-36/-37																			25	21															
-38/-39																			27	7															
-40/-41																			8	7															
-42/-43																			11	2															
-44/-45																			10																
-46/-47																			6																
-50/-51																			3																
TOTAL	16.4	2.4			.2														828	828															

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON RC/MUSKWA DJT APT

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STATION NAME

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
36/ 35			.1																1	1															
34/ 33			.1																2	2															
32/ 31																					1														
30/ 29																					2														
28/ 27		.4																	3	3		1													
26/ 25	.1																		1	1	4	1													
24/ 23	.5	.2																	6	6	6	3													
22/ 21	.6																		5	5	5	6													
20/ 19		.1																	1	1		5													
18/ 17	.2	.4																	5	5	4														
16/ 15	.7	.2																	8	8	8	4													
14/ 13	1.8	.8																																	
12/ 11	1.8	.7																	22	22	22	6													
10/ 9	1.8																		21	21	21	14													
8/ 7	2.3	.4																	15	15	17	10													
6/ 5	2.8	.4																	23	23	23	23													
4/ 3	4.0	.2																	27	27	29	19													
2/ 1	3.4	.2																	36	36	37	18													
0/ -1	5.3	.3																	31	31	30	33													
-2/ -3	4.4																		49	49	48	35													
-4/ -5	5.1	.4																	38	38	41	27													
-6/ -7	5.0	.6																	47	47	45	34													
-8/ -9	5.6																		48	48	47	36													
-10/-11	6.0	.2																	48	48	51	43													
-12/-13	7.7																		53	53	52	41													
-14/-15	4.9	.5																	66	66	67	40													
-16/-17	4.1	.1																	46	46	45	53													
-18/-19	3.7	.1																	36	36	37	68													
-20/-21	4.4																		33	33	32	37													
-22/-23	2.8	.1																	38	38	39	39													
-24/-25	3.3																		25	25	25	27													
-26/-27	2.3	.1																	30	30	30	41													
-28/-29	2.3	.1																	21	21	21	29													
-30/-31	2.0	.1																	22	24	22	17													
																			18	19	18	30													
Element (X)	ΣX^2	ΣX	\bar{X}	σ_x	No. Obs.	Mean No. of Hours with Temperature												Total																	
Rel. Hum.						≤ 0 F	≤ 32 F	≥ 67 F	≥ 73 F	≥ 80 F	≥ 93 F																								
Dry Bulb																																			
Wet Bulb																																			
Dew Point																																			

USAFETAC FORM 0-26-5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

25212 FORT NELSON BC/MUSKWA DUT APT
STATION NAME

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HOURS (L. S. T.)

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																				TOTAL	TOTAL		
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	*31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point			
-32/-33	2.1																	18	19	18	25			
-34/-35	1.9																	13	24	13	17			
-36/-37																			12		21			
-38/-39																			18		15			
-40/-41																			7		12			
-42/-43																			10		4			
-44/-45																			5					
-46/-47																			2					
-48/-49																			3					
-50/-51																			2					
TOTAL	92.9	6.8	.4															856	930	856	856			

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Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL				TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	+31	D.B.	W.B.	Dry Bulb	Wet Bulb	Dew Point															
36/35			.2	.1														3	3																		
34/33			.2															2	2			3															
32/31																																					
30/29			.1																			1															
28/27		.1	.2															1	1			2															
26/25		.2	.1															3	3			2															
24/23		.6	.3															8	8			3															
22/21		.1	.8	.1														9	9			7															
20/19		.7	.3															9	9			7															
18/17		.6	.9															13	13			6															
16/15		.9	1.0															17	17			9															
14/13	1.4	1.1																23	23			8															
12/11	1.8	.9																24	24			22															
10/9	2.4	.7																28	28			19															
8/7	3.1	.9																36	36			22															
6/5	4.0	.6																41	41			29															
4/3	3.0	.4																31	31			36															
2/1	4.3	.3																42	42			37															
0/-1	4.9	.2																46	46			44															
-2/-3	4.1	.4																41	41			29															
-4/-5	4.7	.3																46	46			50															
-6/-7	5.6	.3																56	56			45															
-8/-9	6.6	.6																64	64			45															
-10/-11	6.0	.6																59	59			37															
-12/-13	5.8	.1																54	54			59															
-14/-15	3.8	.3																37	37			48															
-16/-17	3.9	.4																39	39			64															
-18/-19	3.0																	27	27			36															
-20/-21	2.9	.2																28	30			31															
-22/-23	3.1	.3																31	31			27															
-24/-25	1.9																	17	17			24															
-26/-27	1.8	.1																17	17			39															
-28/-29	2.1	.3																22	22			28															
-30/-31	1.3																	14	16			19															
Element (X)	Σ X'		Σ X		X̄		s _x		No. Obs.		Mean No. of Hours with Temperature																										
Rel. Hum.											≤ 0 F		+ 32 F		+ 67 F		+ 73 F		+ 80 F		+ 93 F		Total														
Dry Bulb																																					
Wet Bulb																																					
Dew Point																																					

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

JAN
MONTH

PAGE 2 1200-1400
HOURS S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL			
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point	
-32/-33	1.1																																	10	13	10	14
-34/-35	.4																																4	7	4	20	
-36/-37																																			7		12
-38/-39																																			2		15
-40/-41																																			2		7
-42/-43																																					3
-44/-45																																				3	
TOTAL	6.4	13.1	.4																															906	930	906	906

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DIST APT
STATION NAME

57-66

JAN
MONTH

PAGE 1 1500-1700
HOURS 11.5.11

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	≥ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
38/ 37						.2																											2	2		
36/ 33	.1	.2																														3	3	2		
32/ 31			.2	.1																												3	3		2	
30/ 29		.2																														2	2		1	
28/ 27	.1																															1	1	6	2	
26/ 25	.3	.4																														7	7	4	2	
24/ 23		.1																														1	1	3	5	
22/ 21	.3	.6	.1																													9	9	6	1	
20/ 19	.4	1.7																														19	19	15	6	
18/ 17	.9	.6																														13	13	17	8	
16/ 15	1.4	.8																														20	20	19	16	
14/ 13	1.2	1.0																														20	20	21	23	
12/ 11	1.9	.6																														19	19	20	11	
10/ 9	3.0	.8																														34	34	32	19	
8/ 7	2.5	1.2																														34	34	33	24	
6/ 5	3.5	.2																														34	34	39	30	
4/ 3	3.1	.3																														31	31	30	33	
2/ 1	4.0	.4																														40	40	39	39	
0/ -1	5.4	.3																														52	52	54	40	
-2/ -3	4.8	.2																														46	46	47	29	
-4/ -5	4.2	.2																														40	40	39	53	
-6/ -7	6.1	.3																														58	58	57	41	
-8/ -9	7.0	.4																														68	68	68	38	
-10/ -11	5.6																															51	51	53	49	
-12/ -13	6.1	.4																														59	59	59	59	
-14/ -15	4.7	.8																														50	50	48	46	
-16/ -17	2.7	.1																														27	27	28	55	
-18/ -19	2.0	.1																														19	20	19	43	
-20/ -21	3.0	.1																														28	29	29	44	
-22/ -23	2.3																															21	23	21	23	
-24/ -25	2.4																															22	24	22	25	
-26/ -27	2.2	.1																														21	22	20	22	
-28/ -29	3.1																															28	29	29	18	
-30/ -31	1.7	.1																																		

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

23218 FORT NELSON BC/MUSKWA DUT APT

57-66

JAN
MON

PAGE 2 1500-1700

[illegible]USAFETAC FORM 0.26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
III 64

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DIST APT
STATION NAME

57-66

YEARS

JAL
MOBILE

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[illegible][illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

JAN
MONTH

PAGE 2 1300-2000
HOURS - L. S. T.

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL		
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-36/-37																																		5		17
-38/-39																																	9		14	
-40/-41																																	5		6	
-42/-43																																	9			
TOTAL	73.0	6.2	.7	.1																													888	930	888	

Element (X)	ΣX^2	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\geq 67^\circ \text{F}$	$\geq 73^\circ \text{F}$	$\geq 80^\circ \text{F}$	$\geq 93^\circ \text{F}$	
Rel. Hum.	5879871	71997	81.1	6.924	888							
Dry Bulb	276850	-8306	-8.9	14.770	930	69.2	93.0					93
Wet Bulb	219223	-6901	-7.8	13.663	888	68.1	93.0					93
Dew Point	310142	-10664	-12.0	14.327	888	73.3	93.0					93

USAFETAC
FORM 24
0.26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

25219 FORT NELSON BC/HUSKWA DIST APT

57-66

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[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

25218 FORT NELSON BC/MUSKWA DIST APT 57-66

JAN

PAGE 2 2100-2300

Temp. F.	WET BULB TEMPERATURE DEPRESSION (F)																																TOTAL		TOTAL	
	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	+ 31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point
-36/-37																																		13	21	
-38/-39																																		5	9	
-40/-41																																		14	5	
-42/-43																																		8		
-44/-45																																		2		
TOTAL	24.8	4.7	.3	.1																													930	873	873	

Element (X)	$\Sigma X'$	ΣX	\bar{X}	σ_X	No. Obs.	Mean No. of Hours with Temperature						Total
						$\leq 0^\circ \text{F}$	$\leq 32^\circ \text{F}$	$\leq 67^\circ \text{F}$	$\leq 73^\circ \text{F}$	$> 80^\circ \text{F}$	$\leq 93^\circ \text{F}$	
Rel. Hum.	572901	71075	81.4	7.051	873							
Dry Bulb	299204	-9636	-10.4	14.649	930	71.2	92.9					93
Wet Bulb	219479	-7619	-8.7	13.245	873	70.0	93.0					93
Dew Point	314629	-11289	-12.9	13.907	873	75.5	93.0					93

USAFETAC
FORM 026.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON, BC/MUSKWA DIST APT

57-66

FFA

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DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

FEA
MAY

25210 FORT NELSON BC/MUSKWA DUT APT
STATION STATION NAME

57-66

FEA

PAGE 2 0000-0200

Temp. (F)	WET BULB TEMPERATURE DEPRESSION (F)																															TOTAL		TOTAL	
	0	1-2	3-4	5-6	7-8	9-10	11-12	13-14	15-16	17-18	19-20	21-22	23-24	25-26	27-28	29-30	>31	D.B. W.B.	Dry Bulb	Wet Bulb	Dew Point														
-24/-25	1.7																	14	14	15	22														
-26/-27	1.1																	9	9	9	13														
-28/-29	.5																	4	4	4	12														
-30/-31	.8																	7	7	7	16														
-32/-33	.1																	1	1	1	8														
-34/-35	.1																	1	2	1	2														
-36/-37	.1																	1	1	1	7														
-42/-43																					1														
TOTAL	7.0	10.0	1.2	1.3	.4	.2												843	846		843														

USAFETAC FORM 0-26.5 (OLA)
REVISÉD PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
(11) A4

DATA PROCESSING DIVISION
USAF ETAC
AIR - EATHER SERVICE/MAC

YEARS

57-66

Ft 2

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1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 84

[illegible]

USAFETAC
FORM 0-26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON BC/MUSKWA DOT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2 0300-0500

HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| -24/-25 | 1.7 | .1 | | | | | | | | | | | | | | | | 15 | 16 | 14 | 18 | | | | |
| -26/-27 | 1.3 | .1 | | | | | | | | | | | | | | | | 17 | 13 | 13 | 23 | | | | |
| -28/-29 | 1.0 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 14 | | | | |
| -30/-31 | 1.0 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 12 | | | | |
| -32/-33 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 7 | | | | |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 7 | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 2 | | | 7 | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 1 | | | 5 | | | |
| TOTAL | 8.3 | 8.2 | 1.4 | 1.0 | .8 | .1 | | | | | | | | | | | | 840 | 846 | 840 | 840 | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 5738023 | 69125 | 82.3 | 7.690 | 840 | | | | | | | 84 |
| Dry Bulb | 186780 | -2218 | -2.6 | 14.634 | 846 | 53.3 | 81.7 | | | | | 84 |
| Wet Bulb | 168429 | -2259 | -2.7 | 13.911 | 840 | 53.2 | 82.5 | | | | | 84 |
| Dew Point | 204452 | -3590 | -6.7 | 14.119 | 840 | 59.8 | 83.8 | | | | | 84 |

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 64

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25215 FORT NELSON BC/MUSKWA DUT APT

57-66

FFB

STATION

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|-------|-------|----------|-------|------------------------------------|--------|--------|--------|--------|--------|------|-----------|----------|----------|-----------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 42/ 41 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | |
| 40/ 39 | | | | | .2 | .2 | | | | | | | | | | | | 4 | 4 | | | | | |
| 38/ 37 | | | | .1 | .2 | .1 | | | | | | | | | | | | 4 | 4 | | | | | |
| 36/ 35 | | .1 | .1 | .2 | .1 | | | | | | | | | | | | | 5 | 5 | 1 | | | | |
| 34/ 33 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 5 | | | | |
| 32/ 31 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 7 | 2 | | | |
| 30/ 29 | .1 | .1 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 2 | | | |
| 28/ 27 | .1 | .4 | | | | | | | | | | | | | | | | 4 | 4 | 5 | 1 | | | |
| 26/ 25 | .1 | .4 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 5 | | | |
| 24/ 23 | | .2 | .2 | | | | | | | | | | | | | | | 4 | 4 | 2 | 4 | | | |
| 22/ 21 | | .5 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 9 | | | |
| 20/ 19 | 1.1 | .5 | | | | | | | | | | | | | | | | 13 | 13 | 14 | 4 | | | |
| 18/ 17 | 1.3 | .7 | | | | | | | | | | | | | | | | 17 | 17 | 16 | 14 | | | |
| 16/ 15 | 1.7 | 1.1 | | | | | | | | | | | | | | | | 23 | 23 | 24 | 16 | | | |
| 14/ 13 | 1.4 | 1.2 | | | | | | | | | | | | | | | | 22 | 22 | 20 | 17 | | | |
| 12/ 11 | 2.7 | .7 | | | | | | | | | | | | | | | | 29 | 29 | 30 | 20 | | | |
| 10/ 9 | 4.1 | .2 | | | | | | | | | | | | | | | | 36 | 36 | 39 | 18 | | | |
| 8/ 7 | 2.4 | .4 | | | | | | | | | | | | | | | | 23 | 23 | 23 | 36 | | | |
| 6/ 5 | 2.9 | .5 | | | | | | | | | | | | | | | | 28 | 28 | 28 | 37 | | | |
| 4/ 4 | 4.9 | | | | | | | | | | | | | | | | | 41 | 41 | 42 | 19 | | | |
| 2/ 1 | 4.8 | .1 | | | | | | | | | | | | | | | | 41 | 41 | 41 | 28 | | | |
| 0/ -1 | 3.7 | | | | | | | | | | | | | | | | | 31 | 31 | 31 | 46 | | | |
| -2/ -3 | 5.0 | .5 | | | | | | | | | | | | | | | | 46 | 46 | 44 | 37 | | | |
| -4/ -5 | 5.4 | .1 | | | | | | | | | | | | | | | | 46 | 46 | 47 | 33 | | | |
| -6/ -7 | 5.7 | .1 | | | | | | | | | | | | | | | | 49 | 49 | 49 | 42 | | | |
| -8/ -9 | 5.8 | .1 | | | | | | | | | | | | | | | | 50 | 50 | 51 | 41 | | | |
| -10/-11 | 6.9 | | | | | | | | | | | | | | | | | 58 | 58 | 58 | 48 | | | |
| -12/-13 | 5.2 | .2 | | | | | | | | | | | | | | | | 46 | 46 | 45 | 47 | | | |
| -14/-15 | 4.5 | | | | | | | | | | | | | | | | | 38 | 38 | 39 | 33 | | | |
| -16/-17 | 4.1 | | | | | | | | | | | | | | | | | 34 | 34 | 34 | 53 | | | |
| -18/-19 | 4.1 | | | | | | | | | | | | | | | | | 34 | 34 | 34 | 31 | | | |
| -20/-21 | 2.4 | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 35 | | | |
| -22/-23 | 1.7 | .1 | | | | | | | | | | | | | | | | 15 | 15 | 15 | 32 | | | |
| -24/-25 | 2.6 | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 24 | | | |
| Element (X) | Σx^2 | | Σx | | \bar{x} | | s^2 | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | Total | | | |
| Rel. Hum. | | | | | | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC
FORM 0-26-5 (OL A)
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 25218 | FORT NELSON BC/MUSKWA DUT APT |
| STATION | STATION NAME |

57-66

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MONTH

PAGE 2 0600-0800

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -26/-27 | 2.3 | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 22 | | | | | | | | | | | | | | | | |
| -28/-29 | 1.4 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 15 | | | | | | | | | | | | | | | | |
| -30/-31 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 19 | | | | | | | | | | | | | | | | |
| -32/-33 | .6 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 15 | | | | | | | | | | | | | | | | |
| -34/-35 | .4 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 7 | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 3 | | 2 | | | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | 4 | 2 | | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | | | |
| TOTAL | 9.4 | 8.5 | .7 | .8 | .6 | | | | | | | | | | | | | 839 | 846 | 839 | 839 | | | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 5693504 | 68846 | 82.1 | 7.262 | 839 | | | | | | | 84 |
| Dry Bulb | 187970 | -3164 | -3.7 | 14.438 | 846 | 53.2 | 82.3 | | | | | 84 |
| Wet Bulb | 169418 | -3082 | -3.7 | 13.739 | 839 | 53.0 | 83.4 | | | | | 84 |
| Dew Point | 714698 | -6478 | -7.7 | 14.020 | 839 | 60.8 | 84.0 | | | | | 84 |

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10. **QUESTIONS**

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| 38/ 37 | | | .1 | .4 | | | | | | | | | | | | | | 5 | 5 | | | | | | |
| 34/ 33 | | | .2 | .4 | | | | | | | | | | | | | | 5 | 5 | 1 | | | | | |
| 32/ 31 | | .1 | .1 | .1 | | | | | | | | | | | | | | 3 | 3 | 5 | | | | | |
| 30/ 29 | .2 | | .2 | | | | | | | | | | | | | | | 4 | 4 | 5 | 4 | | | | |
| 28/ 27 | | .6 | | | | | | | | | | | | | | | | 5 | 5 | 4 | | | | | |
| 26/ 25 | | .9 | .4 | | | | | | | | | | | | | | | 7 | 7 | 8 | 1 | | | | |
| 24/ 23 | .1 | 1.2 | .4 | | | | | | | | | | | | | | | 14 | 14 | 7 | 6 | | | | |
| 22/ 21 | .2 | 1.3 | | | | | | | | | | | | | | | | 13 | 13 | 15 | 9 | | | | |
| 20/ 19 | .9 | .9 | | | | | | | | | | | | | | | | 16 | 16 | 21 | 13 | | | | |
| 18/ 17 | .4 | 1.4 | .1 | | | | | | | | | | | | | | | 16 | 16 | 9 | 10 | | | | |
| 16/ 15 | 1.7 | 2.1 | | | | | | | | | | | | | | | | 32 | 32 | 31 | 14 | | | | |
| 14/ 13 | 2.3 | 1.8 | | | | | | | | | | | | | | | | 34 | 34 | 41 | 25 | | | | |
| 12/ 11 | 2.0 | .7 | | | | | | | | | | | | | | | | 23 | 23 | 28 | 28 | | | | |
| 10/ 9 | 4.4 | .8 | | | | | | | | | | | | | | | | 44 | 44 | 43 | 30 | | | | |
| 8/ 7 | 4.0 | .2 | | | | | | | | | | | | | | | | 36 | 36 | 38 | 44 | | | | |
| 6/ 5 | 3.1 | .6 | | | | | | | | | | | | | | | | 31 | 31 | 30 | 39 | | | | |
| 4/ 3 | 4.6 | .5 | | | | | | | | | | | | | | | | 43 | 43 | 43 | 35 | | | | |
| 2/ 1 | 5.0 | .5 | | | | | | | | | | | | | | | | 46 | 46 | 45 | 25 | | | | |
| 0/ -1 | 3.6 | .2 | | | | | | | | | | | | | | | | 32 | 32 | 34 | 43 | | | | |
| -2/ -3 | 4.6 | .4 | | | | | | | | | | | | | | | | 46 | 46 | 41 | 44 | | | | |
| -4/ -5 | 6.8 | .5 | | | | | | | | | | | | | | | | 61 | 61 | 66 | 34 | | | | |
| -6/ -7 | 5.5 | .4 | | | | | | | | | | | | | | | | 49 | 49 | 50 | 43 | | | | |
| -8/ -9 | 6.4 | .6 | | | | | | | | | | | | | | | | 59 | 59 | 55 | 58 | | | | |
| -10/-11 | 4.9 | | | | | | | | | | | | | | | | | 41 | 41 | 45 | 43 | | | | |
| -12/-13 | 3.1 | .1 | | | | | | | | | | | | | | | | 27 | 27 | 27 | 53 | | | | |
| -14/-15 | 3.6 | | | | | | | | | | | | | | | | | 30 | 30 | 30 | 40 | | | | |
| -16/-17 | 4.3 | .2 | | | | | | | | | | | | | | | | 38 | 38 | 37 | 38 | | | | |
| -18/-19 | 2.5 | | | | | | | | | | | | | | | | | 21 | 21 | 22 | 20 | | | | |
| -20/-21 | 1.7 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 43 | | | | |
| -22/-23 | 2.0 | | | | | | | | | | | | | | | | | 17 | 18 | 17 | 26 | | | | |
| -24/-25 | 2.1 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 23 | | | | |
| -26/-27 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 13 | | | | |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 10 | | | | |
| -30/-31 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 18 | | | | |
| Element (X) | Σ x' | Σ x | ̄x | s _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A)
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT
STATION NAME

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PAGE 2 0900-1100
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|-----|---|----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 61.4 | 16.1 | 1.9 | | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 843 | 846 | 843 | 843 |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | < 0 F | < 32 F | > 67 F | > 73 F | > 80 F | > 93 F | |
| Rel. Hum. | 5446956 | 67456 | 80.1 | 7.133 | 842 | | | | | | | |
| Dry Bulb | 155991 | -649 | -0.8 | 13.569 | 846 | 46.6 | 83.0 | | | | | 84 |
| Wet Bulb | 143475 | -801 | -1.0 | 13.019 | 843 | 46.7 | 83.9 | | | | | 84 |
| Dew Point | 176263 | -4571 | -5.4 | 13.413 | 843 | 55.8 | 84.0 | | | | | 84 |

DATA PROCESSING DIVISION
USAF ETAC
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YEARS

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1975

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|----------------|-------|----------|-------|---|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | .1 | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | .2 | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | .2 | .2 | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 40/ 39 | | | .1 | | .6 | | | | | | | | | | | | | 5 | 6 | | | | | | | | | | | | | | | | |
| 38/ 37 | | | | .2 | | | | | | | | | | | | | | 2 | 2 | 4 | | | | | | | | | | | | | | | |
| 36/ 35 | | | .1 | .6 | | | | | | | | | | | | | | 6 | 6 | 2 | | | | | | | | | | | | | | | |
| 34/ 33 | | .4 | .6 | .2 | | | | | | | | | | | | | | 10 | 10 | 4 | | | | | | | | | | | | | | | |
| 32/ 31 | | .1 | 1.3 | .1 | | | | | | | | | | | | | | 13 | 13 | 12 | 2 | | | | | | | | | | | | | | |
| 30/ 29 | | | 1.1 | .1 | | | | | | | | | | | | | | 17 | 17 | 16 | 1 | | | | | | | | | | | | | | |
| 28/ 27 | | .9 | .6 | | | | | | | | | | | | | | | 15 | 15 | 21 | 5 | | | | | | | | | | | | | | |
| 26/ 25 | | 1.3 | .8 | | | | | | | | | | | | | | | 14 | 18 | 22 | 7 | | | | | | | | | | | | | | |
| 24/ 23 | .2 | 1.7 | .6 | | | | | | | | | | | | | | | 21 | 21 | 21 | 14 | | | | | | | | | | | | | | |
| 22/ 21 | .1 | 2.0 | .4 | | | | | | | | | | | | | | | 21 | 21 | 17 | 28 | | | | | | | | | | | | | | |
| 20/ 19 | .5 | 2.7 | .2 | | | | | | | | | | | | | | | 29 | 29 | 30 | 19 | | | | | | | | | | | | | | |
| 18/ 17 | .7 | 2.5 | | | | | | | | | | | | | | | | 27 | 27 | 32 | 25 | | | | | | | | | | | | | | |
| 16/ 15 | 1.2 | 3.2 | | | | | | | | | | | | | | | | 37 | 37 | 38 | 24 | | | | | | | | | | | | | | |
| 14/ 13 | 1.3 | 3.3 | | | | | | | | | | | | | | | | 39 | 39 | 34 | 26 | | | | | | | | | | | | | | |
| 12/ 11 | 1.7 | 1.9 | | | | | | | | | | | | | | | | 30 | 30 | 43 | 44 | | | | | | | | | | | | | | |
| 10/ 9 | 2.5 | 2.2 | | | | | | | | | | | | | | | | 40 | 40 | 36 | 40 | | | | | | | | | | | | | | |
| 8/ 7 | 1.5 | 2.4 | | | | | | | | | | | | | | | | 33 | 33 | 35 | 42 | | | | | | | | | | | | | | |
| 6/ 5 | 4.8 | 1.8 | | | | | | | | | | | | | | | | 56 | 56 | 56 | 33 | | | | | | | | | | | | | | |
| 4/ 3 | 4.4 | 1.1 | | | | | | | | | | | | | | | | 46 | 46 | 50 | 32 | | | | | | | | | | | | | | |
| 2/ 1 | 3.9 | 1.4 | | | | | | | | | | | | | | | | 42 | 42 | 42 | 52 | | | | | | | | | | | | | | |
| 0/ -1 | 4.1 | 1.4 | | | | | | | | | | | | | | | | 47 | 47 | 47 | 56 | | | | | | | | | | | | | | |
| -2/ -3 | 4.3 | .8 | | | | | | | | | | | | | | | | 45 | 45 | 47 | 39 | | | | | | | | | | | | | | |
| -4/ -5 | 5.4 | 1.1 | | | | | | | | | | | | | | | | 55 | 55 | 52 | 37 | | | | | | | | | | | | | | |
| -6/ -7 | 6.1 | .3 | | | | | | | | | | | | | | | | 56 | 56 | 60 | 46 | | | | | | | | | | | | | | |
| -8/ -9 | 2.4 | .5 | | | | | | | | | | | | | | | | 24 | 24 | 22 | 62 | | | | | | | | | | | | | | |
| -10/-11 | 2.6 | .6 | | | | | | | | | | | | | | | | 27 | 27 | 27 | 52 | | | | | | | | | | | | | | |
| -12/-13 | 2.0 | .1 | | | | | | | | | | | | | | | | 18 | 18 | 21 | 31 | | | | | | | | | | | | | | |
| -14/-15 | 2.6 | | | | | | | | | | | | | | | | | 22 | 22 | 22 | 26 | | | | | | | | | | | | | | |
| -16/-17 | 1.4 | .2 | | | | | | | | | | | | | | | | 14 | 14 | 14 | 25 | | | | | | | | | | | | | | |
| -18/-19 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 21 | | | | | | | | | | | | | | |
| -20/-21 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 22 | | | | | | | | | | | | | | |
| Element (X) | Σ X' | | Σ X | | X̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F + 32 F + 67 F + 73 F + 80 F + 93 F | | | | | | | | | | Total | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25213 FORT NELSON BC/MUSKWA DOT APT

57-66

FEB

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

HOURS TELL

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -22/-23 | .6 | .1 | | | | | | | | | | | | | | | | 6 | 6 | 6 | 15 | | | | | | | | | | | | | | |
| -24/-25 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 9 | | | | | | | | | | | | | | |
| -26/-27 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 | | | | | | | | | | | | | | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| TOTAL | 6.335.0 | 6.0 | 1.5 | 1.2 | | | | | | | | | | | | | | 846 | 846 | 846 | 846 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|-------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $\leq 32^\circ \text{F}$ | $\geq 67^\circ \text{F}$ | $\geq 73^\circ \text{F}$ | $\geq 80^\circ \text{F}$ | $\geq 93^\circ \text{F}$ | |
| Rel. Hum. | 4966029 | 64409 | 76.1 | 8.589 | 846 | | | | | | | |
| Dry Bulb | 192210 | 5054 | 6.013 | 847 | 846 | 32.9 | 80.9 | | | | | 84 |
| Wet Bulb | 162938 | 4366 | 5.212 | 890 | 846 | 33.3 | 83.0 | | | | | 84 |
| Dew Point | 140052 | -100 | -0.112 | 874 | 846 | 44.9 | 84.0 | | | | | 84 |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/AG

YEARS

57-66

FER

PAGE 2 1500-1700

1995

| Temp. | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|---------|----|-------------------------------------|------|-----|-----|----|----|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|--------------------|----------|-----------|----|
| F | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | > 31 | D.B. W.B. Dry Bulb | Wet Bulb | Dew Point | |
| -26/-25 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 7 | 11 |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 6 |
| -29/-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 |
| TOTAL | | 56.4 | 31.0 | 6.7 | 2.4 | .7 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 846 | 846 | 846 | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5017556 | 64698 | 76.5 | 9.086 | 846 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 216819 | 6283 | 7.4 | 14.106 | 846 | 29.8 | 79.0 | | | | | 84 |
| Wet Bulb | 179282 | 5546 | 6.6 | 13.003 | 846 | 30.4 | 82.7 | | | | | 84 |
| Dew Point | 142987 | 1143 | 1.4 | 12.938 | 846 | 41.7 | 83.8 | | | | | 84 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS _____ FEB _____
 MONTH _____
 PAGE 2 1800-2000
 HOURS .. S. T.

25218 FORT NELSON BC/MUSKWA DUT APT
STATION NAME

57-66

FEW
MONTHS

PAGE 2 1800-2000

[illegible]

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

YEARS

57-66

E. 2

PAGE 1 2100-2300

MOJPS 5.1.1.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|------------|-----|-----------|------|------------|-------|----------|-------|------------------------------------|-------|-------------|----|-------------|-------|-------------|-----|-------------|----------|-------------|-----------|-------|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23 | 24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 44/ 43 | | | | | | .1 | .1 | | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 40/ 39 | | | .2 | .4 | .2 | | | | | | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | | |
| 38/ 37 | | | .1 | .2 | | | | | | | | | | | | | | | 3 | 3 | | 1 | | | | | | | | | | | | | |
| 36/ 35 | | | | .4 | .1 | | | | | | | | | | | | | | 4 | 4 | 5 | | | | | | | | | | | | | | |
| 34/ 33 | | | .1 | .1 | .2 | | | | | | | | | | | | | | 4 | 4 | 4 | 2 | | | | | | | | | | | | | |
| 32/ 31 | .2 | | | .2 | .1 | | | | | | | | | | | | | | 5 | 5 | 5 | 4 | | | | | | | | | | | | | |
| 30/ 29 | | .4 | .9 | | | | | | | | | | | | | | | | 10 | 10 | 4 | 2 | | | | | | | | | | | | | |
| 28/ 27 | | .2 | .7 | | | | | | | | | | | | | | | | 8 | 8 | 15 | 5 | | | | | | | | | | | | | |
| 26/ 25 | .5 | 2.4 | .1 | | | | | | | | | | | | | | | | 25 | 25 | 17 | 6 | | | | | | | | | | | | | |
| 24/ 23 | .5 | 1.1 | .1 | | | | | | | | | | | | | | | | 14 | 14 | 23 | 10 | | | | | | | | | | | | | |
| 22/ 21 | .1 | 1.4 | | | | | | | | | | | | | | | | | 16 | 16 | 12 | 16 | | | | | | | | | | | | | |
| 20/ 19 | .6 | 1.7 | | | | | | | | | | | | | | | | | 19 | 19 | 28 | 26 | | | | | | | | | | | | | |
| 18/ 17 | 1.9 | .6 | | | | | | | | | | | | | | | | | 21 | 21 | 29 | 19 | | | | | | | | | | | | | |
| 16/ 15 | .9 | .6 | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 24 | | | | | | | | | | | | | |
| 14/ 13 | 1.4 | .8 | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 23 | | | | | | | | | | | | | |
| 12/ 11 | 2.1 | 1.2 | | | | | | | | | | | | | | | | | 28 | 28 | 24 | 18 | | | | | | | | | | | | | |
| 10/ 9 | 3.4 | 1.1 | | | | | | | | | | | | | | | | | 38 | 38 | 42 | 21 | | | | | | | | | | | | | |
| 8/ 7 | 2.5 | .6 | | | | | | | | | | | | | | | | | 26 | 26 | 28 | 33 | | | | | | | | | | | | | |
| 6/ 5 | 3.6 | | | | | | | | | | | | | | | | | | 30 | 30 | 31 | 27 | | | | | | | | | | | | | |
| 4/ 3 | 3.6 | .2 | | | | | | | | | | | | | | | | | 49 | 49 | 49 | 30 | | | | | | | | | | | | | |
| 2/ 1 | 4.9 | .1 | | | | | | | | | | | | | | | | | 42 | 42 | 42 | 45 | | | | | | | | | | | | | |
| 0/ -1 | 6.0 | | | | | | | | | | | | | | | | | | 51 | 51 | 51 | 44 | | | | | | | | | | | | | |
| -2/ -3 | 5.9 | .1 | | | | | | | | | | | | | | | | | 51 | 51 | 51 | 32 | | | | | | | | | | | | | |
| -4/ -5 | 4.3 | | | | | | | | | | | | | | | | | | 36 | 36 | 36 | 59 | | | | | | | | | | | | | |
| -6/ -7 | 6.5 | .1 | | | | | | | | | | | | | | | | | 56 | 56 | 56 | 48 | | | | | | | | | | | | | |
| -8/ -9 | 6.0 | .4 | | | | | | | | | | | | | | | | | 54 | 54 | 51 | 30 | | | | | | | | | | | | | |
| -10/-11 | 3.9 | | | | | | | | | | | | | | | | | | 33 | 33 | 36 | 44 | | | | | | | | | | | | | |
| -12/-13 | 4.2 | | | | | | | | | | | | | | | | | | 35 | 35 | 35 | 54 | | | | | | | | | | | | | |
| -14/-15 | 4.5 | | | | | | | | | | | | | | | | | | 38 | 38 | 38 | 31 | | | | | | | | | | | | | |
| -16/-17 | 3.0 | | | | | | | | | | | | | | | | | | 25 | 25 | 25 | 34 | | | | | | | | | | | | | |
| -18/-19 | 3.2 | .2 | | | | | | | | | | | | | | | | | 29 | 29 | 29 | 39 | | | | | | | | | | | | | |
| -20/-21 | 2.3 | .4 | | | | | | | | | | | | | | | | | 22 | 22 | 20 | 32 | | | | | | | | | | | | | |
| -22/-23 | 1.3 | | | | | | | | | | | | | | | | | | 11 | 11 | 13 | 25 | | | | | | | | | | | | | |
| Element (X): | Σx^2 | | Σx | | \bar{x} | | σ_x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | ≤ 0 F | | ≤ 32 F | | ≤ 64 F | | ≤ 73 F | | ≤ 80 F | | ≤ 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

FEA

PAGE 2 2100-2300

HOURS 11.5.7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| -24/-25 | .4 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 71 | | |
| -26/-27 | .4 | | | | | | | | | | | | | | | | | 4 | 6 | 4 | 13 | | |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | 2 | 3 | 2 | 12 | | |
| -30/-31 | .5 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 4 | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 3 | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | 1.4 | 4.6 | 2.8 | .7 | .2 | .1 | | | | | | | | | | | | 843 | 846 | 843 | 843 | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 5694163 | 69027 | 81.9 | 7.067 | 843 | | | | | | | 84 |
| Dry Bulb | 182464 | 598 | .714 | .678 | 846 | 45.9 | 81.9 | | | | | 84 |
| Wet Bulb | 166017 | 389 | .514 | .034 | 843 | 45.7 | 82.6 | | | | | 84 |
| Dew Point | 183097 | -3009 | -3.614 | .307 | 843 | 52.9 | 83.7 | | | | | 84 |

USAFETAC
FORM
JUL 04
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

2521A FORT NELSON BC/MUSKWA OUT APT 57-66

MAR
MAY 14

PAGE 2 0000-0200

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25215 FORT NELSON BC/MUSKWA OUT APT

57-66

MAR

PAGE 1 0300-0500

0000009

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 25218 | PORT NELSON BC/MUSKWA DDT APT |
| STATION | STATION NAME |

57-66

MAR

PAGE 2 0300-0500
HOURS - S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|-----|-----|----|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -24/-25 | .5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 17 |
| -26/-27 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 9 | |
| -28/-29 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 2 | |
| -30/-31 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 4 | |
| -32/-33 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 3 | 3 | 4 | |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | 2 | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 71.2 | 24.2 | 3.1 | 1.1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 927 | 930 | 927 | 927 | |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $+ 32^\circ \text{F}$ | $+ 67^\circ \text{F}$ | $+ 73^\circ \text{F}$ | $+ 80^\circ \text{F}$ | $+ 93^\circ \text{F}$ | |
| Rel. Hum. | 6322483 | 76253 | 82.3 | 7.354 | 927 | | | | | | | |
| Dry Bulb | 739679 | 5271 | 5.7 | 15.021 | 930 | 37.4 | 89.6 | | | | | 93 |
| Wet Bulb | 214056 | 4894 | 5.3 | 14.257 | 927 | 37.2 | 91.4 | | | | | 93 |
| Dew Point | 194014 | 1274 | 1.4 | 14.409 | 927 | 47.1 | 92.3 | | | | | 93 |

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

MAR

PAGE 2 C600-0800

HOURS: 5-7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -16/-17 | 1.0 | .1 | | | | | | | | | | | | | | | | 10 | 10 | 10 | 24 | | | | | | | | | | | | | | | | |
| -18/-19 | 2.1 | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 21 | | | | | | | | | | | | | | | | |
| -20/-21 | .3 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 12 | | | | | | | | | | | | | | | | |
| -22/-23 | 1.3 | | | | | | | | | | | | | | | | | 12 | 12 | 12 | 23 | | | | | | | | | | | | | | | | |
| -24/-25 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 8 | | | | | | | | | | | | | | | | |
| -26/-27 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 14 | | | | | | | | | | | | | | | | |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 6 | | | | | | | | | | | | | | | | |
| -30/-31 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 9 | | | | | | | | | | | | | | | | |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | | | | | | | | | | | | | | | | |
| -34/-35 | .2 | | | | | | | | | | | | | | | | | 2 | 4 | 2 | 5 | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| TOTAL | 71.2 | 24.3 | 3.5 | .4 | .4 | .2 | | | | | | | | | | | | 926 | 930 | 926 | 926 | | | | | | | | | | | | | | | | |

| Element (X) | ΣX | ΣX^2 | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-----------|------------|----------|------------------------------------|------------|------------|------------|------------|------------|-------|
| | | | | | | $\pm 0 F$ | $\pm 32 F$ | $\pm 67 F$ | $\pm 73 F$ | $\pm 80 F$ | $\pm 93 F$ | |
| Rel. Hum. | 6181351 | 75337 | 81.4 | 7.507 | 926 | | | | | | | 93 |
| Dry Bulb | 240964 | 4480 | 4.8 | 15.367 | 930 | 40.3 | 89.7 | | | | | 93 |
| Wet Bulb | 214394 | 4128 | 4.5 | 14.556 | 926 | 40.4 | 91.2 | | | | | 93 |
| Dew Point | 202732 | 334 | 4.1 | 14.800 | 926 | 47.6 | 92.0 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DIST APT
STATION NAME

57-66

4. AR
MAY

PAGE 2 0900-1100
HOURS: 11:50

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-------|-----|-----|----|----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -10/-11 | 2.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 20 | 30 |
| -12/-13 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 37 | |
| -14/-15 | .6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 23 | |
| -16/-17 | .9 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 5 | 15 | |
| -18/-19 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 6 | 12 | |
| -20/-21 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 | |
| -22/-23 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 | |
| -24/-25 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 | |
| -26/-27 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 6 | |
| -28/-29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -30/-31 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 44.138 | Q10.8 | 3.8 | 2.2 | .6 | .5 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 5264747 | 69189 | 74.411 | 237 | 930 | | | | | | | |
| Dry Bulb | 339605 | 11055 | 11.914 | 970 | 930 | 23.8 | 84.3 | | | | | 93 |
| Wet Bulb | 273151 | 9807 | 10.513 | 517 | 930 | 24.6 | 88.1 | | | | | 93 |
| Dew Point | 187522 | 4592 | 4.913 | 321 | 930 | 36.7 | 92.2 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

MAR

PAGE 2 1200-1400

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|------|------|---|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -8/-9 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 21 |
| -10/-11 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 5 | 14 |
| -12/-13 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 17 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | |
| -16/-17 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | 20.3 | 40.4 | 41.0 | 4 | 7.1 | 5.9 | 4.9 | 1.8 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $\leq 32^\circ \text{F}$ | $\leq 67^\circ \text{F}$ | $\leq 73^\circ \text{F}$ | $\geq 80^\circ \text{F}$ | $\geq 93^\circ \text{F}$ | |
| Rel. Hum. | 4213594 | 61220 | 65.8 | 14.059 | 930 | | | | | | | 93 |
| Dry Bulb | 290399 | 18595 | 20.0 | 15.340 | 930 | 9.4 | 72.3 | | | | | 93 |
| Wet Bulb | 430578 | 16018 | 17.2 | 12.904 | 930 | 9.7 | 79.7 | | | | | 93 |
| Dew Point | 210767 | 6935 | 9.8 | 11.989 | 930 | 24.1 | 92.4 | | | | | 93 |

USAFETAC
FORM
JUL 64
0.26.5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ SAC

PSYCHROMETRIC SUMMARY

25218 FIRST COLSON BC/MUSKHA OUT APT

57-66

...A:2

PAGE 1 1500-1700

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USAFETAC 0265 (OL A) REUSED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE FORM 104 JUL 64

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA BOUT APT

57-66

MAR

STATION

STATION NAME

YEARS

MONTH

PAGE 2 1500-1700

HOURS

| Temp.
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | |
|------------|-------------------------------------|------|------|-----|-----|-----|-----|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|-----|-----|-----|----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | |
| -10/-11 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 13 |
| -12/-13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 |
| -14/-15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 17.7 | 37.6 | 19.1 | 9.6 | 6.9 | 5.8 | 2.4 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | 930 | |

| Element / X | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | Total | |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|----|
| | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Rel. Hum. | 4112012 | 60256 | 64.8 | 14.961 | 930 | | | | | | | 93 |
| Dry Bulb | 668271 | 20502 | 22.0 | 15.259 | 930 | 5.9 | 66.7 | | | | | 93 |
| Wet Bulb | 479925 | 17573 | 18.9 | 12.616 | 930 | 6.4 | 77.1 | | | | | 93 |
| Dew Point | 234451 | 10321 | 11.1 | 11.408 | 930 | 18.5 | 92.3 | | | | | 93 |

USAFETAC FORM 0-26.5 (O. A.) JUL 64

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

2

25218 FLRT NELSON BC/HUSKWA DUT APT
STATE NAME

57-66

MAP

PAGE 2 1800-2000

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------------------------------|------|------|-------|-----|-----|-----|----|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|-----------|-----|----------|--|--------------------|--|
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | D.B. W.B. | | Dry Bulb | | Wet Bulb Dew Point | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | | | | | | |
| -16/-17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -18/-19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -20/-21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -22/-23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -24/-25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -26/-27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 33.2 | 39.0 | 114.4 | 6.7 | 3.4 | 2.0 | .6 | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | 930 | | | |

USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

2

25218 FORT NELSON BC/MUSKWA OUT APT
STATION STATION NAME

57-66

MAR
MONTH

PAGE 2 2100-2300
HOURS 11:55 A.M.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -16/-17 | .6 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 6 | | | | | | | | | | | | | | | | |
| -18/-19 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 13 | | | | | | | | | | | | | | | | |
| -20/-21 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 6 | | | | | | | | | | | | | | | | |
| -22/-23 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 | | | | | | | | | | | | | | | | |
| -24/-25 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 6 | | | | | | | | | | | | | | | | |
| -26/-27 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 3 | | | | | | | | | | | | | | | | |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 2 | | | | | | | | | | | | | | | | |
| -30/-31 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| -32/-33 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | | | |
| TOTAL | 51.1 | 34.4 | 10.3 | 2.0 | 1.2 | .9 | .1 | | | | | | | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | | | | | | |

| Element (X) | Σx | Σx^2 | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 5732249 | 72375 | 77.8 | 10.367 | 930 | | | | | | | 93 |
| Dry Bulb | 333054 | 11378 | 12.2 | 14.443 | 930 | 20.4 | 86.7 | | | | | 93 |
| Wet Bulb | 278054 | 10336 | 11.1 | 13.253 | 930 | 20.7 | 89.5 | | | | | 93 |
| Dew Point | 193471 | 5885 | 6.3 | 12.968 | 930 | 32.6 | 92.7 | | | | | 93 |

USAFETAC FORM 0.26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2321R FORT NELSON BC/MUSKWA DIST APT

37-66

APR

2. 4. 1944

STATION NAME

YEARS

MONITOR

PAGE 1 0000-0200

HOUSE OF REPRESENTATIVES

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

42, 1 FORT NELSON BC/MUSKWA DUT APT 37-66

APR
MONTH

PAGE 2 0000-0200

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|------|------|-----|-----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| TOTAL | 15.9 | 43.0 | 24.1 | 12.1 | 3.2 | 1.4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 900 | 900 | 900 | 900 |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

25218 FORT NELSON BC/MUSKWA OUT APT
STATION NAME

57-66

408

PAGE 2 0300-0500

HOURS: 9-5, T-F

[illegible]

USAFETAC FORM 0-26-5 (OL A) JUL 66
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/HOUSEWA OUT APT

57-66

APR

PAGE 1 0600-0800

HOURS (L. S. T.)

| Temp
F | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | |
|-----------|-------------------------------------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|--------------------|-------|----------|----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | | ≥ 31 | Dry Bulb | Wet Bulb |
| 54/ 53 | | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 50/ 49 | | | | | | | | .1 | | .3 | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 48/ 47 | | | | | | | .1 | .4 | | .4 | .1 | | | | | | | | | | | | | | | | | | | | | 10 | 10 | | |
| 46/ 45 | | | | | .1 | .1 | .6 | .3 | | .3 | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 1 | |
| 44/ 43 | | | | .2 | .6 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 12 | 12 | 2 | |
| 42/ 41 | | | | .3 | 1.6 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 25 | 2 | |
| 40/ 39 | | | .7 | 1.4 | 2.6 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 18 | |
| 38/ 37 | .1 | .3 | 2.7 | 1.8 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 46 | 46 | 22 | |
| 36/ 35 | .2 | 2.7 | 4.7 | 1.6 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 84 | 84 | 50 | |
| 34/ 33 | 1.0 | 3.8 | 4.3 | .8 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 90 | 90 | 87 | |
| 32/ 31 | 1.6 | 5.1 | 4.7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 98 | 98 | 119 | |
| 30/ 29 | .9 | 5.3 | 3.2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 85 | 85 | 114 | |
| 28/ 27 | 1.2 | 5.3 | 2.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | 94 | |
| 26/ 25 | 1.4 | 4.0 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | 91 | |
| 24/ 23 | .7 | 2.9 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 41 | 41 | 55 | |
| 22/ 21 | .7 | 3.2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 37 | 37 | 43 | |
| 20/ 19 | .7 | 2.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 27 | 27 | 43 | |
| 18/ 17 | .8 | 1.2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 21 | |
| 16/ 15 | .9 | 1.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 23 | |
| 14/ 13 | 1.3 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 23 | |
| 12/ 11 | .9 | 1.3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 20 | 20 | 20 | |
| 10/ 9 | .9 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | 22 | |
| 8/ 7 | 1.2 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

APR

PAGE 2 0600-0800

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA OUT APT

57-66

APP

PAGE 2 C900-1100

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DATA PROCESSING DIVISION
JSAF ETAL
AIR WEATHER SERVICE/MAC

25218 FRONT NELSON BC/AUSKWA DDT APT
STATION NAME

57-66

APR

PAGE 2 1200-1400
HOURS L. S. T.

| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | | | | | |
|-------------------------------------|----|---|----|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----|------|-------|------|----------|----------|-----------|--|--|
| Ten. | F | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ± 31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 4 / | 3 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 5 | | |
| 2 / | 1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 1 | | |
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| TOTAL | | 1.215.415.815.715.617.714.2 7.0 2.2 .7 .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 900 | | | 900 | | | 900 | | |

| Element (X) | Σ X' | Σ X | X̄ | s _x ² | t | Mean No. of Hours with Temperature | | | | | | Total | |
|-------------|---------|-------|--------|-----------------------------|-----|------------------------------------|--------|--------|--------|--------|--------|-------|----|
| | | | | | | F | + 32 F | + 67 F | + 73 F | + 80 F | + 93 F | | |
| Rel. Hum. | 2194998 | 46476 | 51.618 | .114 | 900 | | | | | | | | 93 |
| Dry Bulb | 1864377 | 37297 | 41.411 | .493 | 900 | | 18.0 | .5 | | | | | 90 |
| Wet Bulb | 1113671 | 30800 | 34.2 | 8.144 | 900 | | 28.7 | | | | | | 90 |
| Dew Point | 547856 | 21012 | 23.3 | 7.480 | 900 | 1.0 | 82.3 | | | | | | 90 |

2

DATA PROCESSING DIVISION
USAF ETAC
AIR FATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

25218 POST NELSON BC/MUSKWA DUT APT

57-66

APR

MONTH

YEARS

PAGE 1 1500-1700

HOURS (L.S.T.)

| Temp
F | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|-----------|----|-------------------------------------|-----|-----|-----|-----|-----|-----|----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|
| | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 74/ 73 | 73 | | | | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | 1 | 1 | | |
| 72/ 71 | 71 | | | | | | | | | | | | | | | | | | | .2 | | | | | | | | | | | | | 2 | 2 | | | |
| 70/ 69 | 69 | | | | | | | | | | | | | | | | | | | .3 | | | .1 | | .1 | | | | | | | | 5 | 5 | | | |
| 68/ 67 | 67 | | | | | | | | | | | | | | | | | .4 | | | | | | | | | | | | | | | | 3 | 3 | | |
| 66/ 65 | 65 | | | | | | | | | | | | | | | | | .5 | .7 | | .1 | | | | | | | | | | | | 7 | 7 | | | |
| 64/ 63 | 63 | | | | | | | | | | | | | | .1 | .4 | | .1 | | | | | | | | | | | | | | | 6 | 6 | | | |
| 62/ 61 | 61 | | | | | | | | | | | | | | .2 | .9 | | .3 | | | | | | | | | | | | | | | 16 | 16 | | | |
| 60/ 59 | 59 | | | | | | .1 | | | | | .2 | | | .4 | | .6 | | | | | | | | | | | | | | | | 12 | 12 | | | |
| 58/ 57 | 57 | | | | | | | | | | | .6 | 2.0 | | .3 | | .8 | | | | | | | | | | | | | | | | 26 | 26 | | | |
| 56/ 55 | 55 | | | | | | | .1 | | | 1.3 | 1.7 | | .2 | | | | | | | | | | | | | | | | | | | 30 | 30 | | | |
| 54/ 53 | 53 | | | | | | | .7 | | 2.7 | 2.8 | | .1 | | | | | | | | | | | | | | | | | | | | 56 | 56 | | 2 | |
| 52/ 51 | 51 | | | | | | .4 | 1.7 | | 2.1 | .8 | | .1 | | | | | | | | | | | | | | | | | | | | 46 | 46 | | 7 | |
| 50/ 49 | 49 | | | | | | .7 | 4.6 | | 2.8 | .7 | | | | | | | | | | | | | | | | | | | | | | 78 | 78 | | 3 | |
| 48/ 47 | 47 | | | | .4 | .2 | 2.4 | 5.3 | | 3.2 | .1 | | | | | | | | | | | | | | | | | | | | | | 106 | 106 | | 26 | |
| 46/ 45 | 45 | | .2 | | .3 | 1.4 | 3.4 | 2.3 | | 1.2 | | | | | | | | | | | | | | | | | | | | | | | 81 | 81 | | 26 | |
| 44/ 43 | 43 | | | .3 | | 2.1 | 1.9 | 2.9 | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 | | 54 | |
| 42/ 41 | 41 | | | .1 | .3 | | 1.9 | 1.8 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | | 83 | |
| 40/ 39 | 39 | | | .2 | 1.4 | | 1.8 | 1.6 | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | | 116 | |
| 38/ 37 | 37 | .1 | .6 | | 1.5 | | 1.6 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | | 146 | |
| 36/ 35 | 35 | | 1.3 | 2.0 | | 1.9 | .2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 51 | 51 | | 111 | |
| 34/ 33 | 33 | .2 | .7 | | .8 | | .6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | 79 | |
| 32/ 31 | 31 | .3 | 1.2 | 1.9 | | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | 32 | 32 | | 58 | |
| 30/ 29 | 29 | | .3 | 1.0 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 19 | 19 | | 34 | |
| 28/ 27 | 27 | | 1.8 | | 1.2 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | | 27 | |
| 26/ 25 | 25 | | 1.1 | | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | | 36 | |
| 24/ 23 | 23 | | 1.0 | | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | | 19 | |
| 22/ 21 | 21 | | .3 | | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | | 20 | |
| 20/ 19 | 19 | | .6 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | | 8 | |
| 18/ 17 | 17 | .4 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | 17 | |
| 16/ 15 | 15 | | 1.0 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | | 8 | |
| 14/ 13 | 13 | .1 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | 11 | |
| 12/ 11 | 11 | .1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | 5 | |
| 10/ 9 | 9 | .1 | | | | | | | | | | | | | </ | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
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YEAR⁶

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| 25218 | FORT NELSON BC/MUSKWA OUT APT | 57-66 |
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| WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------------------------------------|-----|------|------|------|------|------|------|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|------|-----------|----------|----------|-----------|
| Temp
°F | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 6 / 5 | | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | | 8 |
| 4 / 3 | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | 2 |
| -4 / -5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| -6 / -7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 1.4 | 12.2 | 13.4 | 13.0 | 13.3 | 18.2 | 14.1 | 9.4 | 3.0 | .4 | .8 | .1 | .1 | | | | | | | | | | | | | | | | | | | | 900 | 900 | 900 | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

252 LB FORT NELSON BC/HUSKWA DET APT

57-66

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STATION NAME

YEARS

MONTH

PAGE 1 1A00-2000

HOURS: 5-7

| Temp.
F. | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|-------------|-------------------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|-------|----|-----------|----------|----------|-----------|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 70/ 69 | | | | | | | | | | | | | | | | | | | .1 | .2 | | | | | | | | | | | | | 2 | 2 | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | .1 | .1 | | | | | | | | | | | | | | 2 | 2 | | | |
| 64/ 63 | | | | | | | | | | | | | | | .1 | .2 | .1 | | | | | | | | | | | | | | | | 4 | 4 | | | |
| 62/ 61 | | | | | | | | | | | | | | | .3 | .1 | | | | | | | | | | | | | | | | | 4 | 4 | | | |
| 60/ 59 | | | | | | | | | | | | .1 | .4 | .2 | .1 | | | | | | | | | | | | | | | | | | 11 | 11 | | | |
| 58/ 57 | | | | | | | | | | | .2 | .4 | .3 | | | | | | | | | | | | | | | | | | | | | 9 | 9 | | |
| 56/ 55 | | | | | | | | | .2 | 1.0 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | 15 | 15 | | | |
| 54/ 53 | | | | | | | .1 | .3 | 1.3 | .8 | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | | | |
| 52/ 51 | | | | | | | .3 | 1.4 | 1.9 | .3 | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | | 3 | |
| 50/ 49 | | | | | | | .7 | 2.8 | 1.2 | .7 | | | | | | | | | | | | | | | | | | | | | | | 48 | 48 | | 3 | |
| 48/ 47 | | | | | .1 | 2.4 | 3.2 | .9 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 61 | 61 | | 9 | |
| 46/ 45 | | | .2 | .1 | 1.0 | 2.9 | 3.1 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | 73 | 73 | | 18 | |
| 44/ 43 | | | .2 | .8 | 1.9 | 4.7 | 2.0 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 88 | 88 | | 29 | |
| 42/ 41 | .1 | | .3 | 1.2 | 3.4 | 2.8 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | 87 | 87 | | 55 | |
| 40/ 39 | | .4 | 2.7 | 2.2 | 1.7 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 | | 90 | |
| 38/ 37 | .3 | 1.0 | 2.7 | 2.6 | 1.9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 76 | 76 | | 121 | |
| 36/ 35 | .3 | 1.3 | 1.7 | 1.6 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 40 | 48 | | 136 | |
| 34/ 33 | .2 | 1.0 | 2.0 | .4 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | | 109 | |
| 32/ 31 | .3 | 1.7 | 1.8 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 38 | 38 | | 76 | |
| 30/ 29 | .2 | 1.2 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 25 | 25 | | 60 | |
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USAFETAC
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0-26-5 (OLA)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON HC/MUSKWA DUT APT
STATION NAME

57-66

APR
MONTH

PAGE 2 1800-2000
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | | | | .1 | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | | .2 | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | | | .1 | .2 | .1 | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | | | | .2 | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 54/ 53 | | | | | | | .3 | .2 | | | | | | | | | | 4 | 5 | | | | | | | | | | | | | | | | |
| 52/ 51 | | | | | | .1 | .6 | .2 | | | | | | | | | | 8 | 8 | | | | | | | | | | | | | | | | |
| 50/ 49 | | | | | .1 | .4 | .8 | .1 | | | | | | | | | | 13 | 13 | | | | | | | | | | | | | | | | |
| 48/ 47 | | | | | .2 | .9 | .9 | .1 | | | | | | | | | | 19 | 19 | 6 | | | | | | | | | | | | | | | |
| 46/ 45 | | | | | .4 | 1.6 | 1.0 | | | | | | | | | | | 27 | 27 | | | | | | | | | | | | | | | | |
| 44/ 43 | | | .6 | 1.3 | 1.7 | .2 | | | | | | | | | | | | 34 | 34 | 11 | | | | | | | | | | | | | | | |
| 42/ 41 | | .3 | 1.3 | 2.9 | 2.0 | .2 | | | | | | | | | | | | 61 | 61 | 13 | | | | | | | | | | | | | | | |
| 40/ 39 | .1 | .6 | 2.1 | 3.3 | 1.7 | .2 | | | | | | | | | | | | 72 | 72 | 37 | 1 | | | | | | | | | | | | | | |
| 38/ 37 | .1 | 2.3 | 3.7 | 3.1 | 1.4 | .1 | | | | | | | | | | | | 97 | 97 | 66 | 10 | | | | | | | | | | | | | | |
| 36/ 35 | .7 | 3.4 | 3.7 | 2.6 | .7 | | | | | | | | | | | | | 99 | 99 | 93 | 21 | | | | | | | | | | | | | | |
| 34/ 33 | .2 | 3.0 | 4.1 | 1.3 | .1 | | | | | | | | | | | | | 79 | 79 | 121 | 36 | | | | | | | | | | | | | | |
| 32/ 31 | .7 | 3.6 | 2.4 | .8 | .1 | | | | | | | | | | | | | 71 | 71 | 115 | 58 | | | | | | | | | | | | | | |
| 30/ 29 | .1 | 3.9 | 3.4 | .4 | | | | | | | | | | | | | | 71 | 71 | 100 | 103 | | | | | | | | | | | | | | |
| 28/ 27 | .3 | 3.2 | 1.9 | .2 | | | | | | | | | | | | | | 51 | 51 | 86 | 93 | | | | | | | | | | | | | | |
| 26/ 25 | .2 | 2.8 | 1.3 | | | | | | | | | | | | | | | 39 | 39 | 65 | 120 | | | | | | | | | | | | | | |
| 24/ 23 | .1 | 2.0 | .9 | | | | | | | | | | | | | | | 27 | 27 | 41 | 101 | | | | | | | | | | | | | | |
| 22/ 21 | .2 | 2.0 | .1 | | | | | | | | | | | | | | | 21 | 21 | 30 | 78 | | | | | | | | | | | | | | |
| 20/ 19 | .6 | 1.3 | .1 | | | | | | | | | | | | | | | 18 | 18 | 26 | 64 | | | | | | | | | | | | | | |
| 18/ 17 | .6 | 1.1 | .2 | | | | | | | | | | | | | | | 17 | 17 | 20 | 61 | | | | | | | | | | | | | | |
| 16/ 15 | 1.1 | 1.6 | | | | | | | | | | | | | | | | 24 | 24 | 22 | 39 | | | | | | | | | | | | | | |
| 14/ 13 | .6 | .6 | | | | | | | | | | | | | | | | 10 | 10 | 17 | 28 | | | | | | | | | | | | | | |
| 12/ 11 | .6 | .8 | | | | | | | | | | | | | | | | 12 | 12 | 10 | 18 | | | | | | | | | | | | | | |
| 10/ 9 | .4 | .2 | | | | | | | | | | | | | | | | 6 | 6 | 10 | 24 | | | | | | | | | | | | | | |
| 8/ 7 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 8 | | | | | | | | | | | | | | |
| 6/ 5 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 13 | | | | | | | | | | | | | | |
| 4/ 3 | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 3 | 12 | | | | | | | | | | | | | | |
| 2/ 1 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | 5 | | | | | | | | | | | | | | |
| 0/ -1 | | | | | | | | | | | | | | | | | | | | 1 | 3 | | | | | | | | | | | | | | |
| -2/ -3 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 1 | | | | | | | | | | | | | | |
| -4/ -5 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| Element (X) | Zx' | Zx | X | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

APR

MONTH

PAGE 2 2100-2300

2100-2300
10:05 11:50 *[illegible]

2

DATA PROCESSING DIVISION
 USAF ETAC
 41R WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25214 FORT NELSON AC/MUSKWA DUT APT
 STATION NAME

57-66

YEARS

MAY

MONTH

PAGE 1 0000-0200

HOURS (L, S, T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|------|----------|--------------------|-----------|-------|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | > 31 | Dry Bulb | Wet Bulb | Dew Point | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | .1 | | | | | | | | | | | | | | | | 2 | 2 | | | | |
| 64/ 63 | | | | | | | | | | | | | .1 | .1 | | | .1 | | | | | | | | | | | | | | | 7 | 7 | | | | | |
| 62/ 61 | | | | | | | | | | | .1 | .1 | .1 | .1 | | | | | | | | | | | | | | | | | | | 8 | 8 | | | | |
| 60/ 59 | | | | | | | .2 | .2 | .2 | .2 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | | | 11 | 11 | | | | |
| 58/ 57 | | | | | .2 | .2 | .2 | .2 | .2 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | 14 | 14 | | | | | |
| 56/ 55 | | | .1 | .1 | .4 | 1.0 | .3 | .3 | .3 | .3 | .2 | .2 | .2 | | | | | | | | | | | | | | | | | | | | 28 | 28 | | | | |
| 54/ 53 | | .2 | .2 | .2 | .3 | .9 | 1.0 | .3 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 2 | 1 | | |
| 52/ 51 | .2 | .3 | .3 | .3 | .4 | 1.1 | 1.2 | .6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | 43 | 43 | 14 | 3 | | |
| 50/ 49 | .4 | .5 | .4 | 1.0 | 2.0 | 1.1 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | 65 | 65 | 44 | 6 | | |
| 48/ 47 | .1 | 1.4 | 1.1 | 1.6 | 1.5 | .3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 59 | 59 | 39 | 9 | | |
| 46/ 45 | .1 | 1.7 | 1.3 | 1.4 | 1.1 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | 49 | 22 | | |
| 44/ 43 | .3 | 3.0 | 2.2 | 1.6 | 1.0 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 77 | 77 | 74 | 36 | | |
| 42/ 41 | .6 | 3.5 | 2.3 | 2.2 | 1.0 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 95 | 95 | 103 | 54 | | |
| 40/ 39 | 1.0 | 3.9 | 2.3 | 1.6 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 86 | 86 | 96 | 69 | | |
| 38/ 37 | .6 | 4.4 | 2.4 | .9 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 80 | 80 | 111 | 93 | | |
| 36/ 35 | 1.3 | 2.7 | 1.7 | 1.3 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | 66 | 66 | 100 | 81 | | |
| 34/ 33 | 1.7 | 3.2 | 1.7 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 68 | 68 | 85 | 105 | | |
| 32/ 31 | .9 | 1.9 | 1.3 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 42 | 42 | 63 | 92 | | |
| 30/ 29 | .8 | 1.9 | .4 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 35 | 35 | 58 | 74 | | |
| 28/ 27 | .9 | 1.8 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 34 | 65 | | |
| 26/ 25 | | 1.0 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 29 | 63 | | |
| 24/ 23 | .1 | .4 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 14 | 40 | | |
| 22/ 21 | .1 | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 5 | 38 | | |
| 20/ 19 | .2 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 3 | 39 | | |
| 18/ 17 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 4 | 13 | | |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | |
| 12/ 11 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 2 | | |
| 10/ 9 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 3 | | |
| 8/ 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | | |
| TOTAL | 9.8 | 32.6 | 19.7 | 15.7 | 12.3 | 5.9 | 2.5 | 1.3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | 930 | 930 | 930 | 930 | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 5179272 | 67372 | 72.4 | 17.929 | 930 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 1572554 | 38590 | 41.3 | 8.759 | 930 | | 13.5 | .1 | | | | 93 |
| Wet Bulb | 1353824 | 34887 | 37.5 | 6.969 | 930 | | 21.3 | | | | | 93 |
| Dew Point | 1030882 | 30132 | 32.4 | 7.667 | 930 | | 44.1 | | | | | 93 |

USAFETAC FORM 0-26.5 (OL A) JUL 64 RE-USED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 5179272 | 67372 | 72.4 | 17.929 | 930 | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | 93 |
| Dry Bulb | 1672554 | 38590 | 41.5 | 8.759 | 930 | | 13.3 | .1 | | | | 93 |
| Wet Bulb | 1353829 | 34887 | 37.5 | 6.969 | 930 | | 21.3 | | | | | 93 |
| Dew Point | 1030882 | 30132 | 32.4 | 7.667 | 930 | | 44.1 | | | | | 93 |

2

YEARS

57-66

MAY

HOURS L. S. T. :

USAFETAC FORM 0-26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR SEATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT
STATION NAME

57-66

1. 6 V

PAGE 1 0600-0800

100106

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 64/ 63 | | | | | | .1 | .4 | .2 | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | | | .2 | .3 | .4 | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 60/ 59 | | | | | .2 | .3 | 1.0 | .1 | .1 | | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 58/ 57 | | | | .3 | 1.1 | .9 | .3 | | | | | | | | | | | 24 | 24 | | | | | | | | | | | | | | | | |
| 56/ 55 | | .1 | .1 | .8 | .9 | 1.6 | 1.1 | .2 | | | | | | | | | | 44 | 44 | 1 | | | | | | | | | | | | | | | |
| 54/ 53 | | .3 | .4 | 1.2 | .8 | 1.1 | .8 | .1 | | | | | | | | | | 43 | 43 | 4 | | | | | | | | | | | | | | | |
| 52/ 51 | | .3 | .4 | 1.4 | 1.3 | 1.8 | .5 | | | | | | | | | | | 52 | 52 | 19 | 3 | | | | | | | | | | | | | | |
| 50/ 49 | | 1.1 | .6 | 1.6 | 2.2 | 1.7 | .9 | | | | | | | | | | | 72 | 72 | 32 | 4 | | | | | | | | | | | | | | |
| 48/ 47 | .1 | 1.1 | 1.8 | 1.9 | 1.5 | .9 | | | | | | | | | | | | 68 | 68 | 65 | 14 | | | | | | | | | | | | | | |
| 46/ 45 | .3 | 1.2 | 2.2 | 2.5 | 1.0 | .6 | | | | | | | | | | | | 72 | 72 | 56 | 29 | | | | | | | | | | | | | | |
| 44/ 43 | .3 | 2.7 | 2.0 | 2.5 | 1.3 | .3 | | | | | | | | | | | | 85 | 85 | 95 | 42 | | | | | | | | | | | | | | |
| 42/ 41 | .4 | 3.8 | .9 | .9 | 1.0 | | | | | | | | | | | | | 64 | 64 | 113 | 43 | | | | | | | | | | | | | | |
| 40/ 39 | .6 | 2.2 | 2.9 | 1.8 | .4 | | | | | | | | | | | | | 74 | 74 | 105 | 75 | | | | | | | | | | | | | | |
| 38/ 37 | .8 | 2.6 | 1.4 | 1.2 | .1 | | | | | | | | | | | | | 56 | 56 | 81 | 108 | | | | | | | | | | | | | | |
| 36/ 35 | 1.3 | 2.9 | 1.6 | 1.3 | .1 | | | | | | | | | | | | | 67 | 67 | 92 | 78 | | | | | | | | | | | | | | |
| 34/ 33 | 2.2 | 2.8 | 1.2 | .8 | | | | | | | | | | | | | | 64 | 64 | 82 | 103 | | | | | | | | | | | | | | |
| 32/ 31 | 1.0 | 1.6 | 1.3 | .1 | | | | | | | | | | | | | | 37 | 37 | 58 | 82 | | | | | | | | | | | | | | |
| 30/ 29 | .9 | 1.4 | 1.0 | | | | | | | | | | | | | | | 31 | 31 | 44 | 86 | | | | | | | | | | | | | | |
| 28/ 27 | .2 | 1.2 | .3 | | | | | | | | | | | | | | | 16 | 16 | 38 | 62 | | | | | | | | | | | | | | |
| 26/ 25 | .2 | .9 | .8 | | | | | | | | | | | | | | | 14 | 14 | 14 | 60 | | | | | | | | | | | | | | |
| 24/ 23 | .1 | .2 | .3 | | | | | | | | | | | | | | | 6 | 6 | 11 | 51 | | | | | | | | | | | | | | |
| 22/ 21 | .1 | .2 | .1 | | | | | | | | | | | | | | | 4 | 4 | 12 | 33 | | | | | | | | | | | | | | |
| 20/ 19 | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 2 | 20 | | | | | | | | | | | | | | |
| 18/ 17 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 14 | | | | | | | | | | | | | | |
| 16/ 15 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 11 | | | | | | | | | | | | | | |
| 14/ 13 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | | | |
| 12/ 11 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | | | | | | | | | | | |
| 10/ 9 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 8/ 5 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 8.6 | 26.7 | 19.5 | 18.2 | 11.8 | 9.6 | 4.5 | 1.1 | .1 | | | | | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4829919 | 64821 | 69.7 | 18.323 | 930 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 1783050 | 39864 | 42.9 | 8.943 | 930 | | 11.4 | | | | | 93 |
| Wet Bulb | 1411319 | 35641 | 38.3 | 6.993 | 930 | | 18.5 | | | | | 93 |
| Dew Point | 1047004 | 30388 | 32.7 | 7.638 | 930 | | 43.1 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

2521A FORT NELSON BC/MUSKWA DIST APT

57-66

MAY

PAGE 1 0900-1100

HOUS. S. 1.

[illegible]

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218

FORT NELSON BC/MUSKWA DIST APT

57-66

YEARS

DAY
MONTH

PAGE 2 0900-1100
HOURS L. S. T.

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25215

FORT NELSON PC/HISKNA DUT APT

57-66

MAY

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1200-1400

HOURS

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|--------------|-------|-------|-------|-------|-----------|-------|-------|-------|-------|------------|------|-----------|----------|----------|-----------|--|--|--|--|------------------------------------|--|--|--|--|-------|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | | | .1 | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | | | | .1 | | | | | 2 | | 2 | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | | | | .1 | | | | | 6 | | 6 | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | | | | .4 | | | | | | 18 | | 18 | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | | | | .1 | | | | | | 15 | | 15 | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | .1 | | .8 | | | | | 15 | | 15 | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | .1 | | .3 | .6 | 1.2 | .3 | | | | | 26 | | 26 | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | .3 | 1.7 | 1.2 | .8 | .1 | | | | | | | 38 | | 38 | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | .1 | .5 | .8 | 1.1 | .1 | | | | | | | | 32 | | 32 | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | | | 1.0 | 1.2 | 2.4 | .8 | | | | | | | | | 52 | | 52 | | | | | | | | | | | | | | | | | |
| 64/ 63 | | | | | .8 | .9 | 1.5 | 1.6 | | | | | | | | | | 46 | | 46 | | | | | | | | | | | | | | | | | |
| 62/ 61 | | | | 1.2 | 2.2 | 3.2 | .1 | | | | | | | | | | | 72 | | 72 | | | | | | | | | | | | | | | | | |
| 60/ 59 | | | .4 | .8 | .1 | 1.2 | 1.7 | 2.2 | .2 | | | | | | | | | 60 | | 60 | | | | | | | | | | | | | | | | | |
| 58/ 57 | | .1 | .1 | .2 | .9 | .6 | 1.8 | 2.9 | 1.1 | .1 | | | | | | | | 73 | | 73 | | | | | | | | | | | | | | | | | |
| 56/ 55 | | | | 1.4 | .9 | 2.0 | 1.8 | 1.2 | | | | | | | | | | 73 | | 73 | | | | | | | | | | | | | | | | | |
| 54/ 53 | | | .2 | 1.2 | 1.3 | 1.2 | 1.1 | .2 | | | | | | | | | | 52 | | 52 | | | | | | | | | | | | | | | | | |
| 52/ 51 | | .2 | .4 | .9 | 1.2 | .4 | 1.3 | 1.3 | | | | | | | | | | 53 | | 53 | | | | | | | | | | | | | | | | | |
| 50/ 49 | | .1 | .4 | 1.3 | .6 | 1.0 | .4 | .2 | | | | | | | | | | 36 | | 36 | | | | | | | | | | | | | | | | | |
| 48/ 47 | | .3 | .3 | 1.0 | 1.2 | 1.1 | .3 | .2 | | | | | | | | | | 47 | | 47 | | | | | | | | | | | | | | | | | |
| 46/ 45 | | .4 | .3 | 1.0 | .3 | .1 | .3 | | | | | | | | | | | 25 | | 25 | | | | | | | | | | | | | | | | | |
| 44/ 43 | | .8 | .3 | 1.3 | .2 | .2 | .3 | | | | | | | | | | | 31 | | 31 | | | | | | | | | | | | | | | | | |
| 42/ 41 | | .4 | 1.1 | .6 | 1.0 | .1 | | | | | | | | | | | | 29 | | 29 | | | | | | | | | | | | | | | | | |
| 40/ 39 | .1 | 1.5 | .6 | .8 | .8 | | | | | | | | | | | | | 35 | | 35 | | | | | | | | | | | | | | | | | |
| 38/ 37 | .3 | .6 | .4 | .4 | .1 | .1 | | | | | | | | | | | | 22 | | 22 | | | | | | | | | | | | | | | | | |
| 36/ 35 | .3 | 1.0 | .3 | 1.2 | .4 | | | | | | | | | | | | | 32 | | 32 | | | | | | | | | | | | | | | | | |
| 34/ 33 | .3 | .6 | .3 | .4 | .2 | | | | | | | | | | | | | 20 | | 20 | | | | | | | | | | | | | | | | | |
| 32/ 31 | .1 | 1.0 | | .2 | | | | | | | | | | | | | | 12 | | 12 | | | | | | | | | | | | | | | | | |
| 30/ 29 | | .1 | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ 25 | | .1 | | | | | | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | | | | |
| 24/ 23 | | .2 | | | | | | | | | | | | | | | | 2 | | 2 | | | | | | | | | | | | | | | | | |
| 22/ 21 | | .3 | | | | | | | | | | | | | | | | 3 | | 3 | | | | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | ΣX | | | | | ΣX^2 | | | | | \bar{X} | | | | | σ^2 | | | | | No. Obs. | | | | | Mean No. of Hours with Temperature | | | | | Total | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-265 (0-1-61) REPTED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
JUL 64

DATA PROCESSING DIVISION
USAF ETAC
AIR EATHER SERVICE/JAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/NDSPWA DOT APT

57-66

2. ΔY

PAGE 2 1200-1400

HOLDS 5.4

| Temp. | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|-------|----|-------------------------------------|-----|-----|------|------|-----|------|------|-----|------|------|------|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|----|
| F | | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| 10/ | 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 |
| 14/ | 13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 15 | |
| 12/ | 11 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 10/ | 9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 8/ | 7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | |
| 6/ | 5 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | |
| TOTAL | | 1.2 | 8.1 | 6.8 | 10.0 | 10.5 | 6.5 | 11.0 | 11.5 | 9.5 | 10.0 | 14.2 | 13.4 | 8.3 | 5.8 | 2.9 | 1.3 | .1 | | | | | | | | | | | | | | | | | | 930 | | |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/TAC

PSYCHROMETRIC SUMMARY

252 LB FORT NELSON BC/MUSKWA OUT APT

57-66

FAY

PAGE 1 1500-1700

[illegible]

ATL. PROCESSING DIVISION
SAC ETC
JFK EAST FIELD SERVICE/SAC

YEARS

57-66

DAY
MONTH

PAGE 2 1500-1700

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

YEARS

57-66

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PAGE 1 1800-2000
HOURS 5-11

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USAFETAC
FORM 0-26.5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DET APT
STATION NAME

57-66

DAY
MONTH

PAGE 2 2100-2300
HOURS 11.5.71

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

JUNE

MONTH

PAGE 1 0000-0200

HOURS (L, S, T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 70/ 69 | | | | | | | .1 | | .1 | | | | | | | | | 2 | 2 | | | | |
| 68/ 67 | | | | | .1 | | .1 | .1 | .1 | | | | | | | | | 4 | 4 | | | | |
| 66/ 65 | | | | .1 | .1 | .1 | .1 | .1 | .1 | | | | | | | | | 5 | 5 | | | | |
| 64/ 63 | | | | .3 | .3 | .2 | .1 | .3 | | | | | | | | | | 12 | 12 | | | | |
| 62/ 61 | | .4 | .3 | .2 | 1.1 | 1.1 | .3 | .1 | | | | | | | | | | 33 | 33 | 3 | 2 | | |
| 60/ 59 | | .2 | 1.0 | 1.0 | 1.0 | 1.3 | .8 | .2 | | | | | | | | | | 50 | 50 | 4 | 2 | | |
| 58/ 57 | | .6 | 1.6 | 1.7 | .9 | .2 | .4 | | | | | | | | | | | 48 | 48 | 12 | 3 | | |
| 56/ 55 | .4 | 3.2 | 2.4 | 2.8 | 1.6 | .4 | .7 | .3 | | | | | | | | | | 107 | 107 | 38 | 11 | | |
| 54/ 53 | .8 | 5.7 | 3.7 | 2.1 | 1.2 | .3 | .1 | | | | | | | | | | | 123 | 123 | 91 | 36 | | |
| 52/ 51 | .9 | 5.7 | 3.0 | 1.3 | 1.3 | .7 | .1 | | | | | | | | | | | 117 | 117 | 118 | 84 | | |
| 50/ 49 | 1.1 | 4.4 | 3.2 | 1.4 | .2 | .3 | | | | | | | | | | | | 97 | 97 | 136 | 95 | | |
| 48/ 47 | .8 | 3.2 | 2.7 | 1.4 | .2 | | | | | | | | | | | | | 75 | 75 | 113 | 86 | | |
| 46/ 45 | 1.3 | 4.0 | 2.7 | .8 | .3 | | | | | | | | | | | | | 82 | 82 | 104 | 112 | | |
| 44/ 43 | 1.0 | 3.0 | 1.9 | | | | | | | | | | | | | | | 53 | 53 | 108 | 100 | | |
| 42/ 41 | | 3.4 | .8 | | | | | | | | | | | | | | | 38 | 38 | 66 | 105 | | |
| 40/ 39 | .8 | 1.8 | .4 | | | | | | | | | | | | | | | 27 | 27 | 59 | 77 | | |
| 38/ 37 | 1.2 | .6 | | | | | | | | | | | | | | | | 16 | 16 | 35 | 71 | | |
| 36/ 35 | .1 | .4 | | | | | | | | | | | | | | | | 5 | 5 | 6 | 55 | | |
| 34/ 33 | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 29 | | |
| 32/ 31 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 3 | 15 | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 6 | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 6 | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 5 | | |
| TOTAL | 8.7 | 36.9 | 23.7 | 13.3 | 8.3 | 4.9 | 2.9 | 1.2 | .1 | | | | | | | | | 900 | 900 | 900 | 900 | | |

| Element (X) | ΣX^1 | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5777395 | 70705 | 78.6 | 15.740 | 900 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 2368926 | 45816 | 50.9 | 6.379 | 900 | | .1 | .6 | | | | 90 |
| Wet Bulb | 2032700 | 42514 | 47.2 | 5.213 | 900 | | .3 | | | | | 90 |
| Dew Point | 1764587 | 39461 | 43.8 | 6.186 | 900 | | 3.2 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

2

57-66

YEARS

JUN
MONTH

PAGE 1 0300-0500
HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | |
| 68/ 67 | | | | | | .1 | .1 | | .3 | .1 | | | | | | | | 1 | 1 | | | | | |
| 66/ 65 | | | | | | | | | | | | | | | | | | 5 | 5 | | | | | |
| 62/ 61 | | | | .2 | .1 | .6 | .1 | | | | | | | | | | | 9 | 9 | | | | | |
| 60/ 59 | .2 | .3 | .3 | .3 | .4 | .1 | | | | | | | | | | | | 16 | 16 | 2 | 2 | | | |
| 58/ 57 | .1 | .6 | .6 | .4 | .4 | .2 | .6 | | | | | | | | | | | 26 | 26 | 8 | 2 | | | |
| 56/ 55 | | 1.4 | 1.4 | 1.3 | .3 | .4 | .3 | .1 | | | | | | | | | | 49 | 49 | 12 | 5 | | | |
| 54/ 53 | 1.2 | 4.9 | 2.4 | 2.8 | .7 | .7 | .3 | | | | | | | | | | | 117 | 117 | 53 | 22 | | | |
| 52/ 51 | 1.6 | 6.4 | 4.2 | 1.4 | .4 | .6 | | | | | | | | | | | | 132 | 132 | 87 | 61 | | | |
| 50/ 49 | 1.4 | 6.7 | 3.8 | 1.2 | .2 | .4 | | | | | | | | | | | | 124 | 124 | 129 | 88 | | | |
| 48/ 47 | .9 | 4.7 | 3.7 | .7 | .1 | | | | | | | | | | | | | 90 | 90 | 121 | 99 | | | |
| 46/ 45 | .8 | 4.9 | 2.4 | .8 | | | | | | | | | | | | | | 78 | 78 | 107 | 99 | | | |
| 44/ 43 | 2.7 | 4.3 | 1.9 | .1 | | | | | | | | | | | | | | 81 | 81 | 124 | 97 | | | |
| 42/ 41 | 2.3 | 3.3 | 1.2 | .3 | | | | | | | | | | | | | | 65 | 65 | 98 | 121 | | | |
| 40/ 39 | 1.7 | 2.8 | 1.0 | .1 | | | | | | | | | | | | | | 50 | 50 | 65 | 89 | | | |
| 38/ 37 | .7 | 2.7 | | | | | | | | | | | | | | | | 30 | 30 | 37 | 68 | | | |
| 36/ 35 | 1.0 | 1.1 | | | | | | | | | | | | | | | | 19 | 19 | 43 | 58 | | | |
| 34/ 33 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 9 | 47 | | | |
| 32/ 31 | .3 | .2 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 21 | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | 1 | 11 | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 9 | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 1 | | | |
| TOTAL | 14.9 | 44.4 | 23.2 | 9.7 | 3.3 | 2.7 | 1.2 | .4 | .1 | | | | | | | | | 900 | 900 | 900 | 900 | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 6395268 | 74864 | 83.2 | 13.667 | 900 | | | | | | | |
| Dry Bulb | 2124302 | 43384 | 48.2 | 6.059 | 900 | | .5 | .1 | | | | 90 |
| Wet Bulb | 1890359 | 40973 | 45.5 | 5.278 | 900 | | .5 | | | | | 90 |
| Dew Point | 1688661 | 38603 | 42.9 | 6.033 | 900 | | 4.2 | | | | | 90 |

USAFETAC FORM 0-26.5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

JUN

5. A. 2. B. 3. C. 4. D. 5.

STATION NAME

YEARS

MONTH

PAGE 1 0600-0800

HOURS - 5.7.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|--|--|--------------------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | | | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | | | |
| 66/ 65 | | | | .1 | .2 | .3 | | | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 64/ 63 | | .1 | | .2 | 1.1 | .9 | .3 | .2 | .1 | | | | | | | | | 27 | 27 | | | | | | | | | | | | | | | | |
| 62/ 61 | | .2 | .6 | 1.4 | 1.0 | 1.6 | .3 | .2 | .1 | | | | | | | | | 49 | 49 | | | | | | | | | | | | | | | | |
| 60/ 59 | | .1 | 1.0 | 2.0 | 2.0 | 1.8 | .3 | .7 | | | | | | | | | | 71 | 71 | | | | | | | | | | | | | | | | |
| 58/ 57 | | .9 | 2.3 | 2.1 | 2.4 | .8 | | .4 | | | | | | | | | | 81 | 81 | 18 | 6 | | | | | | | | | | | | | | |
| 56/ 55 | .2 | 3.3 | 3.0 | 4.2 | 2.6 | .8 | .6 | .2 | | | | | | | | | | 134 | 134 | 53 | 13 | | | | | | | | | | | | | | |
| 54/ 53 | .8 | 4.4 | 3.0 | 2.9 | 1.7 | .7 | .1 | .1 | | | | | | | | | | 123 | 123 | 110 | 38 | | | | | | | | | | | | | | |
| 52/ 51 | .7 | 2.7 | 4.2 | 2.1 | 1.3 | .6 | .2 | | | | | | | | | | | 106 | 106 | 123 | 81 | | | | | | | | | | | | | | |
| 50/ 49 | .9 | 2.1 | 3.7 | 2.4 | .6 | .1 | | | | | | | | | | | | 88 | 88 | 150 | 89 | | | | | | | | | | | | | | |
| 48/ 47 | .8 | 3.0 | 2.1 | 1.1 | .2 | | | | | | | | | | | | | 65 | 65 | 120 | 96 | | | | | | | | | | | | | | |
| 46/ 45 | .4 | 2.1 | 2.2 | 1.3 | | | | | | | | | | | | | | 55 | 55 | 115 | 129 | | | | | | | | | | | | | | |
| 44/ 43 | 1.0 | .9 | 1.2 | | | | | | | | | | | | | | | 28 | 28 | 79 | 109 | | | | | | | | | | | | | | |
| 42/ 41 | .8 | 1.7 | .7 | | | | | | | | | | | | | | | 28 | 28 | 70 | 95 | | | | | | | | | | | | | | |
| 40/ 39 | .3 | .4 | .4 | | | | | | | | | | | | | | | 11 | 11 | 26 | 80 | | | | | | | | | | | | | | |
| 38/ 37 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 15 | 61 | | | | | | | | | | | | | | |
| 36/ 35 | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 7 | 38 | | | | | | | | | | | | | | |
| 34/ 33 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 28 | | | | | | | | | | | | | | |
| 32/ 31 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 15 | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 3 | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | 6.7 | 22.8 | 24.6 | 26.1 | 13.3 | 7.3 | 2.6 | 2.0 | .6 | .1 | | | | | | | | | 900 | | 900 | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5140778 | 66486 | 73.9 | 15.968 | 900 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Dry Bulb | 2539691 | 47669 | 53.0 | 6.228 | 900 | | .2 | .8 | .1 | | | 90 |
| Wet Bulb | 2122917 | 43489 | 48.3 | 6.932 | 900 | | .2 | | | | | 90 |
| Dew Point | 1787447 | 39731 | 44.1 | 6.104 | 900 | | 3.4 | | | | | 90 |

USAFETAC
FORM 0-26-5 (OLA)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

37-66

JUN
MON

PAGE 1 0900-1100

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

JUN
MONTH

PAGE 1 1200-1400
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-------|-----|------|------|--------|-------|-------|-------|-------|-------|--------|-------|--------|-------|--------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | .1 | .1 | .2 | .7 | .1 | | | | 10 | 10 | | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | | .1 | .1 | .1 | .2 | .2 | | | | 9 | 8 | | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | | | | .2 | .3 | .6 | .3 | .1 | | | | 14 | 14 | | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | | | | .2 | .1 | .9 | .8 | .7 | .2 | | | | 26 | 26 | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | .4 | .2 | .4 | 1.4 | 1.4 | .3 | | | | | | 39 | 39 | | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | .1 | .3 | .6 | 1.8 | 1.4 | 2.0 | .2 | | | | | | 58 | 58 | | | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | .3 | 1.0 | 1.2 | 2.7 | 1.6 | 2.0 | .6 | | | | | | 84 | 84 | | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | .2 | .1 | .8 | 1.2 | 2.8 | 2.0 | 2.4 | .9 | | | | | | | 94 | 94 | | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | .1 | .4 | 1.3 | 1.8 | 2.7 | 2.3 | 1.4 | .3 | | | | | | | 94 | 94 | | | | | | | | | | | | | | | | | |
| 66/ 65 | | | .1 | .4 | .6 | 1.8 | 1.7 | 2.2 | 2.1 | 1.0 | | | | | | | | 89 | 89 | 3 | | | | | | | | | | | | | | | | |
| 64/ 63 | | | .2 | .2 | .9 | 1.8 | 1.8 | 2.1 | 1.3 | .3 | | | | | | | | 78 | 78 | 13 | | | | | | | | | | | | | | | | |
| 62/ 61 | | .1 | .3 | 1.2 | .8 | 1.0 | .7 | .6 | .9 | .2 | | | | | | | | 52 | 52 | 17 | 2 | | | | | | | | | | | | | | | |
| 60/ 59 | | .6 | .8 | .4 | .7 | .8 | .6 | 1.1 | .6 | | | | | | | | | 49 | 49 | 69 | 4 | | | | | | | | | | | | | | | |
| 58/ 57 | | .3 | 1.1 | 1.2 | .3 | 1.1 | .7 | .9 | .2 | | | | | | | | | 52 | 52 | 110 | 15 | | | | | | | | | | | | | | | |
| 56/ 55 | .1 | .6 | .3 | 1.0 | .9 | .8 | .4 | .1 | | | | | | | | | | 38 | 38 | 148 | 19 | | | | | | | | | | | | | | | |
| 54/ 53 | | .8 | 1.4 | .8 | .6 | .1 | .1 | | | | | | | | | | | 34 | 34 | 141 | 40 | | | | | | | | | | | | | | | |
| 52/ 51 | | 1.3 | .8 | .3 | .3 | .1 | | | | | | | | | | | | 26 | 26 | 117 | 34 | | | | | | | | | | | | | | | |
| 50/ 49 | .1 | .6 | .7 | .3 | .2 | .2 | | | | | | | | | | | | 19 | 19 | 111 | 67 | | | | | | | | | | | | | | | |
| 48/ 47 | .2 | .3 | .4 | .4 | .1 | | | | | | | | | | | | | 14 | 14 | 64 | 84 | | | | | | | | | | | | | | | |
| 46/ 45 | | .8 | .1 | .2 | | | | | | | | | | | | | | 10 | 10 | 53 | 100 | | | | | | | | | | | | | | | |
| 44/ 43 | | .4 | .2 | .2 | | | | | | | | | | | | | | 8 | 8 | 30 | 85 | | | | | | | | | | | | | | | |
| 42/ 41 | | .1 | | .1 | | | | | | | | | | | | | | 2 | 2 | 15 | 76 | | | | | | | | | | | | | | | |
| 40/ 39 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 6 | 94 | | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | 1 | 62 | | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | 1 | 61 | | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 36 | | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 40 | | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 76 | | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 16 | | | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 10 | | | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | |
| TOTAL | .6 | 5.9 | 6.5 | 7.3 | 5.9 | 10.2 | 10.7 | 14.7 | 14.6 | 11.2 | 7.9 | 2.7 | 1.4 | .4 | | | | 899 | 899 | 899 | 899 | | | | | | | | | | | | | | | |
| Element (X) | Σx | | Σx | | Σx | | Σx | | Σx | | Σx | | Σx | | Σx | | Σx | | Σx | | Σx | | | | | | | | | | | | | | | |
| Rel. Hum. | 2357616 | | 42714 | | 47.5 | | 19.116 | | 6.9 | | - 0 F | | - 32 F | | - 67 F | | - 73 F | | - 80 F | | - 93 F | | | | | | | | | | | | | | | |
| Dry Bulb | 3856203 | | 58393 | | 65.0 | | 8.402 | | 899 | | | | | | 42.7 | | 15.5 | | 2.7 | | Total | | | | | | | | | | | | | | | |
| Wet Bulb | 2528973 | | 47473 | | 52.8 | | 4.960 | | 899 | | | | | | | | | | | | 90 | | | | | | | | | | | | | | | |
| Dew Point | 1675784 | | 38214 | | 42.5 | | 7.567 | | 899 | | | | | | | | | | | | 90 | | | | | | | | | | | | | | | |

USAFETAC
FORM 0265 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAS
AIR WEATHER SERVICE/JAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON AC/MUSKWA DIT WPT
STATION NAME

57-66

YEARS

— JIA
— MONTH

PAGE 1 1500-1700

HOURS . . . S. T.

| Temp.
(F) | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | | TOTAL | |
|--------------|-----|-------------------------------------|----|-----|-----|-----|---|----------------|----|----------|----|------------------------------------|-----|--------|-----|--------|-----|--------|-----|--------|-----|--------|-----|-------|----|----|----|----|----|----|----|----|--------------------|----------|----------|-----------|
| | (F) | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | Dry Bulb | Wet Bulb | Dew Point |
| 86/ | 85 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | |
| 84/ | 83 | | | | | | | | | | | | | | | | | | | .4 | | | | .1 | | .7 | | .7 | | | | | 17 | 17 | | |
| 82/ | 81 | | | | | | | | | | | | | | | | | | | .2 | | | | .8 | | .2 | | .2 | | .1 | | | 14 | 14 | | |
| 80/ | 79 | | | | | | | | | | | | | | | | | | | .1 | | | | .6 | | .2 | | .8 | | | | | 15 | 15 | | |
| 78/ | 77 | | | | | | | | | | .2 | | | | .1 | | | | | .8 | | 2.1 | | 1.2 | | .3 | | | | | | | 41 | 41 | | |
| 76/ | 75 | | | | | | | | | | | | .2 | | .4 | | .7 | | 1.9 | | 1.8 | | 1.1 | | | | | | | | | | 55 | 55 | | |
| 74/ | 73 | | | | | | | | .2 | | .2 | | 1.4 | | 2.2 | | 1.2 | | 1.9 | | 1.3 | | 1.3 | | | | | | | | | | 84 | 84 | | |
| 72/ | 71 | | | | | | | .1 | | .1 | | .9 | | .6 | | 2.6 | | 1.9 | | 1.2 | | 1.3 | | .4 | | | | | | | | | 70 | 70 | | |
| 70/ | 69 | | | | | | | .2 | | .9 | | .7 | | 1.6 | | 2.7 | | 1.3 | | 1.0 | | | | | | | | | | | | | 75 | 75 | | |
| 68/ | 67 | | | | | .1 | | .3 | | 1.4 | | 1.6 | | 1.4 | | 2.2 | | 1.0 | | .8 | | | | | | | | | | | | | 80 | 80 | 2 | |
| 66/ | 65 | | .2 | | .1 | .2 | | 1.1 | | 1.2 | | 1.7 | | 2.1 | | 1.9 | | .6 | | | | | | | | | | | | | | | 82 | 82 | 9 | |
| 64/ | 63 | | | .1 | | .4 | | 1.1 | | 1.1 | | .8 | | 1.2 | | 1.1 | | .4 | | | | | | | | | | | | | | | 57 | 57 | 6 | |
| 62/ | 61 | | | .1 | 1.3 | .7 | | 1.0 | | 1.1 | | 1.6 | | .4 | | .8 | | .3 | | | | | | | | | | | | | | | 66 | 66 | 21 | |
| 60/ | 59 | | | .8 | .6 | 1.1 | | 1.0 | | 1.0 | | 1.2 | | 1.0 | | .2 | | .1 | | | | | | | | | | | | | | | 63 | 63 | 81 | |
| 58/ | 57 | .2 | | .4 | 1.7 | .7 | | .6 | | .7 | | .4 | | .6 | | | | | | | | | | | | | | | | | | | 41 | 41 | 131 | |
| 56/ | 55 | | | .8 | .6 | .8 | | .9 | | 1.0 | | .1 | | | | | | | | | | | | | | | | | | | | | 37 | 37 | 141 | |
| 54/ | 53 | | | .7 | .9 | .4 | | .7 | | .4 | | | | | | | | | | | | | | | | | | | | | | | 28 | 28 | 139 | |
| 52/ | 51 | | | .7 | .9 | .3 | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | 24 | 24 | 118 | |
| 50/ | 49 | | | .8 | .9 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | 16 | 16 | 98 | |
| 48/ | 47 | | | .7 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | 11 | 11 | 62 | |
| 46/ | 45 | .1 | | .8 | .4 | .1 | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 15 | 15 | 58 | |
| 44/ | 43 | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 10 | |
| 42/ | 41 | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 7 | |
| 40/ | 39 | .1 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 6 | |
| 38/ | 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 36/ | 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 34/ | 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 32/ | 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 30/ | 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 28/ | 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 26/ | 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24/ | 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 20/ | 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 18/ | 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Element (X) | | Σ X' | | Σ X | | X̄ | | s _x | | No. Obs. | | Mean No. of Hours with Temperature | | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | ≤ 0 F | | - 32 F | | - 67 F | | - 73 F | | - 80 F | | - 93 F | | Total | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

75218 FORT NELSON BC/MUSKWA DIST APT 57-66

44

PAGE 2 1500-1700

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR EATER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FLEET NIELSEN PC/HUSKWA DIST APT

57-66

100

PAGE 1 1800-2000

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25210 FORT NELSON BC/MUSKWA GIDT APT

57-66

JUN

PAGE 2 1800-2000

HOURS : . . S. T. :

[illegible]

2

DATA PROCESSING DIVISION
USAF ETAC
AIR CATER SERVICE/MAL

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DHT APT

57-66

JUN

STATION

STATION NAME

YEARS

MONTH

PAGE 1 2100-2300

HOURS (L.S.T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. Dry Bulb | TOTAL
Wet Bulb Dew Point | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----|-----|-----|-----|--|--|--|--|--|--|--|--|--|--|-----------------------------|-----------------------------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | | | .1 | .1 | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | | | .1 | .1 | | | | | | | | 4 | 4 | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | .1 | .3 | .2 | .2 | | | | | | | 7 | 8 | | | | | | | | | | | | | | | |
| 70/ 69 | | | | .2 | | .1 | .4 | .9 | .3 | .1 | | | | | | | | 19 | 19 | | | | | | | | | | | | | | | |
| 68/ 67 | | .1 | | | .4 | 1.0 | .2 | 1.0 | .4 | | | | | | | | | 29 | 29 | | | | | | | | | | | | | | | |
| 66/ 65 | | .1 | .1 | .8 | 1.2 | 1.4 | 1.3 | 1.6 | .2 | .1 | | | | | | | | 62 | 62 | 2 | 1 | | | | | | | | | | | | | |
| 64/ 63 | | .1 | .1 | .4 | 1.4 | 2.1 | 1.3 | .8 | | | | | | | | | | 57 | 57 | 4 | 1 | | | | | | | | | | | | | |
| 62/ 61 | | .1 | .7 | 1.7 | 1.9 | 1.6 | .9 | .7 | | | | | | | | | | 67 | 67 | 2 | 4 | | | | | | | | | | | | | |
| 60/ 59 | | .7 | 1.9 | 1.7 | 3.1 | 2.0 | 1.0 | .6 | | | | | | | | | | 98 | 98 | 17 | 1 | | | | | | | | | | | | | |
| 58/ 57 | .1 | 2.1 | 2.0 | 2.0 | 2.4 | 1.7 | .6 | .1 | | | | | | | | | | 99 | 99 | 59 | 8 | | | | | | | | | | | | | |
| 56/ 55 | .2 | 3.8 | 2.4 | 2.8 | 1.2 | 1.1 | .9 | .6 | | | | | | | | | | 117 | 117 | 113 | 41 | | | | | | | | | | | | | |
| 54/ 53 | .8 | 3.0 | 2.3 | 3.6 | 1.0 | .7 | .6 | | | | | | | | | | | 107 | 107 | 132 | 58 | | | | | | | | | | | | | |
| 52/ 51 | .6 | 2.1 | 1.3 | 1.4 | .9 | .3 | .1 | | | | | | | | | | | 61 | 61 | 144 | 84 | | | | | | | | | | | | | |
| 50/ 49 | .4 | 2.4 | 2.9 | .6 | .4 | .1 | | | | | | | | | | | | 59 | 59 | 130 | 101 | | | | | | | | | | | | | |
| 48/ 47 | .4 | 1.4 | 1.3 | 1.1 | .1 | | | | | | | | | | | | | 40 | 40 | 94 | 104 | | | | | | | | | | | | | |
| 46/ 45 | | 2.6 | 1.1 | .1 | | | | | | | | | | | | | | 34 | 34 | 85 | 110 | | | | | | | | | | | | | |
| 44/ 43 | .1 | 1.3 | .4 | | | | | | | | | | | | | | | 17 | 17 | 54 | 103 | | | | | | | | | | | | | |
| 42/ 41 | | .8 | .2 | | | | | | | | | | | | | | | 8 | 8 | 38 | 97 | | | | | | | | | | | | | |
| 40/ 39 | .4 | .4 | | | | | | | | | | | | | | | | 8 | 8 | 19 | 31 | | | | | | | | | | | | | |
| 38/ 37 | .1 | .2 | | | | | | | | | | | | | | | | 3 | 3 | 4 | 58 | | | | | | | | | | | | | |
| 36/ 35 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 31 | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 19 | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 17 | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| TOTAL | 3.3 | 71.3 | 16.4 | 16.3 | 14.3 | 12.1 | 7.4 | 6.6 | 1.4 | .7 | | | | | | | | 900 | 900 | 900 | 900 | | | | | | | | | | | | | |

| Element X | Σx | Σx^2 | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-----------|------------|--------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4531194 | 61744 | 68.6 | 18.123 | 900 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | |
| Dry Bulb | 2716792 | 50868 | 36.5 | 6.813 | 900 | | | 6.2 | .6 | | | 90 |
| Wet Bulb | 2312265 | 45403 | 30.4 | 4.923 | 900 | | | | | | | 90 |
| Dew Point | 1884800 | 40776 | 45.3 | 6.448 | 900 | | 3.3 | | | | | 90 |

USAFETAC FORM 0265 (CL A) REVISOR PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/HAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DOT APT

57-66

464

| STATION | STATION NAME |
|---------|--------------|
| 1 | 1 |
| 2 | 2 |
| 3 | 3 |
| 4 | 4 |
| 5 | 5 |
| 6 | 6 |
| 7 | 7 |
| 8 | 8 |
| 9 | 9 |
| 10 | 10 |
| 11 | 11 |
| 12 | 12 |
| 13 | 13 |
| 14 | 14 |
| 15 | 15 |
| 16 | 16 |
| 17 | 17 |
| 18 | 18 |
| 19 | 19 |
| 20 | 20 |
| 21 | 21 |
| 22 | 22 |
| 23 | 23 |
| 24 | 24 |
| 25 | 25 |
| 26 | 26 |
| 27 | 27 |
| 28 | 28 |
| 29 | 29 |
| 30 | 30 |
| 31 | 31 |
| 32 | 32 |
| 33 | 33 |
| 34 | 34 |
| 35 | 35 |
| 36 | 36 |
| 37 | 37 |
| 38 | 38 |
| 39 | 39 |
| 40 | 40 |
| 41 | 41 |
| 42 | 42 |
| 43 | 43 |
| 44 | 44 |
| 45 | 45 |
| 46 | 46 |
| 47 | 47 |
| 48 | 48 |
| 49 | 49 |
| 50 | 50 |
| 51 | 51 |
| 52 | 52 |
| 53 | 53 |
| 54 | 54 |
| 55 | 55 |
| 56 | 56 |
| 57 | 57 |
| 58 | 58 |
| 59 | 59 |
| 60 | 60 |
| 61 | 61 |
| 62 | 62 |
| 63 | 63 |
| 64 | 64 |
| 65 | 65 |
| 66 | 66 |
| 67 | 67 |
| 68 | 68 |
| 69 | 69 |
| 70 | 70 |
| 71 | 71 |
| 72 | 72 |
| 73 | 73 |
| 74 | 74 |
| 75 | 75 |
| 76 | 76 |
| 77 | 77 |
| 78 | 78 |
| 79 | 79 |
| 80 | 80 |
| 81 | 81 |
| 82 | 82 |
| 83 | 83 |
| 84 | 84 |
| 85 | 85 |
| 86 | 86 |
| 87 | 87 |
| 88 | 88 |
| 89 | 89 |
| 90 | 90 |
| 91 | 91 |
| 92 | 92 |
| 93 | 93 |
| 94 | 94 |
| 95 | 95 |
| 96 | 96 |
| 97 | 97 |
| 98 | 98 |
| 99 | 99 |
| 100 | 100 |

YEARS

MONTH

PAGE 1 0000-0200

HOURS: 11:30 A.M. - 1:00 P.M.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|-------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 76/ 75 | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70/ 69 | | | | | | .3 | .3 | .3 | | | | | | | | | | 9 | 9 | | | | | | | | | | | | | |
| 68/ 67 | | | | | .2 | .1 | .2 | | | | | | | | | | | 5 | 5 | | | | | | | | | | | | | |
| 66/ 65 | | | | .2 | .4 | .6 | .3 | .1 | | | | | | | | | | 16 | 16 | | | | | | | | | | | | | |
| 64/ 63 | | .1 | 1.2 | 1.6 | 1.1 | 1.6 | .4 | | | | | | | | | | | 56 | 56 | | | | | | | | | | | | | |
| 62/ 61 | .1 | 1.2 | 1.8 | 1.6 | 1.2 | .9 | .2 | | | | | | | | | | | 65 | 65 | 5 | 1 | | | | | | | | | | | |
| 60/ 59 | .3 | 4.0 | 3.3 | 2.2 | 1.4 | 1.0 | .3 | | | | | | | | | | | 118 | 118 | 47 | 17 | | | | | | | | | | | |
| 58/ 57 | 1.3 | 4.8 | 3.8 | 1.9 | 1.7 | .9 | .1 | | | | | | | | | | | 135 | 135 | 101 | 54 | | | | | | | | | | | |
| 56/ 55 | 1.0 | 6.9 | 3.2 | 3.1 | 1.1 | .1 | | | | | | | | | | | | 143 | 143 | 138 | 94 | | | | | | | | | | | |
| 54/ 53 | 1.3 | 8.5 | 3.4 | 1.6 | .4 | | | | | | | | | | | | | 142 | 142 | 159 | 105 | | | | | | | | | | | |
| 52/ 51 | 2.3 | 6.6 | 1.9 | .5 | .3 | | | | | | | | | | | | | 108 | 108 | 177 | 151 | | | | | | | | | | | |
| 50/ 49 | 1.8 | 4.3 | 1.6 | .1 | | | | | | | | | | | | | | 73 | 73 | 159 | 157 | | | | | | | | | | | |
| 48/ 47 | 1.1 | 1.7 | .6 | .2 | | | | | | | | | | | | | | 35 | 35 | 87 | 125 | | | | | | | | | | | |
| 46/ 45 | .2 | .9 | .1 | | | | | | | | | | | | | | | 11 | 11 | 29 | 92 | | | | | | | | | | | |
| 44/ 43 | .1 | .9 | .1 | | | | | | | | | | | | | | | 10 | 10 | 18 | 49 | | | | | | | | | | | |
| 42/ 41 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 8 | 51 | | | | | | | | | | | |
| 40/ 39 | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 1 | 23 | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 7 | | | | | | | | | | | |
| TOTAL | 9.839 | 9.921 | 3.13 | 1.1 | 7.8 | 5.5 | 2.0 | .5 | | | | | | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 6352555 | 75713 | 81.4 | 14.249 | 930 | | | | | | | 93 |
| Dry Bulb | 2717455 | 51885 | 55.8 | 4.951 | 930 | | | 1.6 | .1 | | | 93 |
| Wet Bulb | 2564722 | 48702 | 52.4 | 3.925 | 930 | | | | | | | 93 |
| Dew Point | 2320667 | 46237 | 49.7 | 4.854 | 930 | | | | | | | 93 |

USAFETAC
FORM
JUL 64
0-26-5 (O.L.A.)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FIPT WFLSN BC/MUSKWA DIST APT

57-66

100

PAGE 1 0300-0500

HOURS L. S. T.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | |
|-------------|-------------------------------------|------|------|-----|---|-----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| 66/ 67 | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | | | |
| 66/ 65 | | | | | | | | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | | | | |
| 64/ 63 | | | | | | | .3 | .6 | | .2 | .6 | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | | | | |
| 62/ 61 | | | .3 | .8 | | .9 | .8 | .4 | | | | | | | | | | | | | | | | | | | | | | | | | 29 | 29 | | | | |
| 60/ 59 | | .4 | 1.2 | 2.3 | | .9 | 1.0 | .6 | .1 | | | | | | | | | | | | | | | | | | | | | | | 60 | 60 | 10 | 5 | | | |
| 58/ 57 | 1.0 | 6.2 | 2.4 | | | 1.4 | .4 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | 108 | 108 | 50 | 26 | | |
| 56/ 55 | 3.3 | 8.4 | 3.5 | | | 2.0 | 1.2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | 173 | 173 | 132 | 92 | | |
| 54/ 53 | 1.5 | 7.7 | 3.2 | | | 1.3 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | 131 | 131 | 144 | 98 | |
| 52/ 51 | 2.8 | 8.6 | 3.8 | | | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 146 | 146 | 156 | 124 |
| 50/ 49 | 3.0 | 6.7 | 1.8 | | | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 113 | 113 | 186 | 157 |
| 48/ 47 | 2.2 | 4.2 | 1.8 | | | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 78 | 78 | 115 | 153 |
| 46/ 45 | 1.0 | 2.2 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 31 | 31 | 72 | 103 |
| 44/ 43 | .5 | 1.8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 22 | 22 | 37 | 80 |
| 42/ 41 | .4 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 21 | 49 |
| 40/ 39 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 5 | 32 |
| 38/ 37 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 2 | 10 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| TOTAL | 16.2 | 48.1 | 19.8 | | | 8.4 | 4.5 | 1.9 | 1.0 | .1 | | | | | | | | | | | | | | | | | | | | | | | | 930 | | 930 | | |

| Element (X) | Σx | Σx^2 | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 6796456 | 79894 | 85.9 | 11.963 | 930 | | | | | | | |
| Dry Bulb | 2657233 | 49519 | 53.2 | 4.701 | 930 | | | .1 | | | | 93 |
| Wet Bulb | 2413608 | 47230 | 50.8 | 4.023 | 930 | | | | | | | 93 |
| Dew Point | 2237211 | 45411 | 48.8 | 4.621 | 930 | | | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DUT APT

57-66

JUL

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 76/ 75 | | | | | | | .1 | .1 | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 74/ 73 | | | | | | | .2 | .3 | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | .4 | .5 | | .1 | | | | | | | | 6 | 6 | | | | | | | | | | | | | | | |
| 70/ 69 | | | | .1 | .2 | .4 | .4 | .1 | .3 | | | | | | | | | 15 | 15 | | | | | | | | | | | | | | | |
| 68/ 67 | | | | .4 | 1.1 | .5 | .2 | .5 | | | | | | | | | | 26 | 26 | | | | | | | | | | | | | | | |
| 66/ 65 | | | .3 | 1.3 | 1.6 | 1.2 | .4 | .3 | | | | | | | | | | 48 | 48 | | | | | | | | | | | | | | | |
| 64/ 63 | | .2 | 1.7 | 1.4 | 1.5 | 1.1 | 1.0 | .3 | | | | | | | | | | 62 | 62 | 3 | | | | | | | | | | | | | | |
| 62/ 61 | | .5 | 2.9 | 3.3 | 2.8 | 1.1 | .6 | .1 | .1 | | | | | | | | | 107 | 107 | 20 | 2 | | | | | | | | | | | | | |
| 60/ 59 | .8 | 2.6 | 4.1 | 3.2 | 1.6 | .4 | .3 | | | | | | | | | | | 121 | 121 | 58 | 14 | | | | | | | | | | | | | |
| 58/ 57 | 1.0 | 4.7 | 4.1 | 3.2 | 1.6 | .2 | .1 | | | | | | | | | | | 139 | 139 | 122 | 59 | | | | | | | | | | | | | |
| 56/ 55 | .8 | 6.5 | 6.6 | 3.0 | .8 | .2 | | | | | | | | | | | | 164 | 164 | 153 | 101 | | | | | | | | | | | | | |
| 54/ 53 | 1.7 | 3.4 | 2.6 | 1.1 | .2 | | | | | | | | | | | | | 84 | 84 | 187 | 122 | | | | | | | | | | | | | |
| 52/ 51 | 1.4 | 4.1 | 1.8 | .2 | .2 | | | | | | | | | | | | | 72 | 72 | 179 | 146 | | | | | | | | | | | | | |
| 50/ 49 | 1.1 | 2.7 | 1.0 | .1 | | | | | | | | | | | | | | 45 | 45 | 108 | 173 | | | | | | | | | | | | | |
| 48/ 47 | .4 | 1.6 | .4 | .1 | | | | | | | | | | | | | | 24 | 24 | 60 | 111 | | | | | | | | | | | | | |
| 46/ 45 | .4 | .3 | .2 | | | | | | | | | | | | | | | 9 | 9 | 27 | 84 | | | | | | | | | | | | | |
| 44/ 43 | .2 | .2 | | | | | | | | | | | | | | | | 4 | 4 | 10 | 55 | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 2 | 33 | | | | | | | | | | | | | |
| 40/ 39 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 16 | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 32/ 29 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | |
| TOTAL | 7.8 | 26.9 | 24.9 | 17.5 | 11.5 | 5.5 | 3.5 | 1.6 | .3 | .1 | | | | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | | | | $\leq 67 F$ | $\geq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | Total |
| Rel. Hum. | 5799925 | 72135 | 77.6 | 14.848 | 930 | | | | | | | |
| Dry Bulb | 3114134 | 53392 | 57.6 | 5.276 | 930 | | | 5.0 | .3 | | | 93 |
| Wet Bulb | 2657790 | 49590 | 53.3 | 3.819 | 930 | | | | | | | 93 |
| Dew Point | 2355567 | 46595 | 50.1 | 4.761 | 930 | | | .1 | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25213 FORT NELSON BC/MUSKWA OUT APT

57-66

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HOURS: 1 5 T 1

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

JUL

PAGE 2 1200-1400

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

PSYCHROMETRIC SUMMARY

25214 FORT NELSON BC/MUSKWA DUT APT
STATION STATION NAME

37-66

JUL
MONTH

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HOURS (L. S. T.)

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

25218 FORT NELSON BC/MUSKWA DUT APT
STATION NAME

57-66

489

MONTH

PAGE 2 1500-1700

HOURS (L. S. T.)

USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE JUL 84

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/DAC

YEARS

111

PAGE 1 1800-2000
HOOPS, J. G. T.

| Temp
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|-------------|-------------------------------------|------|-----|-----|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 85/ 87 | | | | | | | | | | | | .2 | | .2 | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | .2 | | | | | | | 5 | 5 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | .1 | .2 | .8 | | .2 | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | .2 | .5 | .3 | .4 | .4 | .2 | | | | | 25 | 25 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | .2 | .2 | .9 | .6 | 1.0 | .2 | | | | | | 29 | 29 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | .2 | .1 | .8 | .9 | 1.3 | 1.1 | .2 | | | | | | 42 | 42 | | | | | | | | | | | | | | | | |
| 78/ 75 | | | | .2 | .3 | 1.1 | 1.1 | 1.2 | 2.0 | 1.4 | .3 | | | | | | | 71 | 71 | | | | | | | | | | | | | | | | |
| 74/ 73 | | .2 | .4 | .8 | .8 | 1.1 | 2.3 | 1.6 | .6 | | | | | | | | | 74 | 74 | | | | | | | | | | | | | | | | |
| 72/ 71 | | .3 | .6 | 1.7 | 1.4 | 3.3 | 1.6 | 1.1 | .1 | | | | | | | | | 95 | 95 | | | | | | | | | | | | | | | | |
| 70/ 69 | | .3 | 1.5 | 2.2 | 3.1 | 2.4 | 1.5 | .6 | .1 | | | | | | | | | 109 | 109 | 2 | | | | | | | | | | | | | | | |
| 68/ 67 | | .3 | 2.0 | 3.3 | 1.1 | 1.6 | .8 | | | | | | | | | | | 87 | 87 | 9 | 1 | | | | | | | | | | | | | | |
| 66/ 65 | .3 | .4 | .9 | 2.9 | 1.6 | 1.3 | .2 | | | | | | | | | | | 84 | 84 | 30 | 2 | | | | | | | | | | | | | | |
| 64/ 63 | .3 | .8 | .8 | 2.8 | .8 | .5 | .2 | | | | | | | | | | | 59 | 59 | 62 | 5 | | | | | | | | | | | | | | |
| 62/ 61 | 1.2 | 1.4 | 2.7 | 1.6 | .4 | .1 | | | | | | | | | | | | 69 | 69 | 97 | 25 | | | | | | | | | | | | | | |
| 60/ 59 | .3 | 1.4 | 2.7 | 1.3 | .3 | | | | | | | | | | | | | 59 | 59 | 159 | 38 | | | | | | | | | | | | | | |
| 58/ 57 | .4 | 2.6 | .6 | .6 | .2 | .2 | | | | | | | | | | | | 44 | 44 | 216 | 76 | | | | | | | | | | | | | | |
| 56/ 55 | | 1.4 | .2 | .4 | .4 | | | | | | | | | | | | | 28 | 28 | 187 | 84 | | | | | | | | | | | | | | |
| 54/ 53 | .1 | 1.1 | .4 | .2 | | | | | | | | | | | | | | 16 | 16 | 88 | 139 | | | | | | | | | | | | | | |
| 52/ 51 | .2 | 1.2 | | | | | | | | | | | | | | | | 13 | 13 | 53 | 177 | | | | | | | | | | | | | | |
| 50/ 49 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 26 | 109 | | | | | | | | | | | | | | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | 8 | 86 | | | | | | | | | | | | | | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | 85 | | | | | | | | | | | | | | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | 48 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | 52 | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 25 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 15 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 1.3 | 10.8 | 6.5 | 8.1 | 13.3 | 12.0 | 9.4 | 12.2 | 10.0 | 8.0 | 5.5 | 2.2 | .4 | .5 | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | | | | |

| Element (X) | Σx' | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 3366893 | 32881 | 56.9 | 19.686 | 930 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 4555499 | 63263 | 68.0 | 7.485 | 930 | | | 55.3 | 76.2 | 5.7 | | 93 |
| Wet Bulb | 3103382 | 33604 | 57.6 | 3.843 | 930 | | | 1.1 | | | | 93 |
| Dew Point | 2400063 | 46913 | 30.4 | 6.012 | 930 | | .3 | .1 | | | | 93 |

AD-A100 241

AIR FORCE ENVIRONMENTAL TECHNICAL APPLICATIONS CENTER--ETC F/G 4/2
FT NELSON, MUSKWA APT, BRITISH COLUMBIA, CANADA. REVISED UNIFORM--ETC
JAN 72

UNCLASSIFIED USAFETAC/US-81/036

SBIE-AD-E850 068

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

AUG
MONTH

PAGE 1 0600-0800
HOURS S. I.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 72/ 71 | | | | | | .1 | | | | .1 | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 70/ 69 | | | | | | .1 | | | | .1 | | | | | | | | 3 | 3 | | | | | | | | | | | | | |
| 68/ 67 | | | .1 | .1 | | .1 | | .1 | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | |
| 66/ 65 | | | .1 | .3 | .3 | .3 | .2 | | | | | | | | | | | 12 | 12 | | | | | | | | | | | | | |
| 64/ 63 | | .1 | .5 | .5 | .6 | .3 | .1 | | | | | | | | | | | 21 | 21 | 3 | | | | | | | | | | | | |
| 62/ 61 | | .2 | 1.1 | 1.4 | .3 | .2 | .3 | .1 | | | | | | | | | | 33 | 33 | 4 | 1 | | | | | | | | | | | |
| 60/ 59 | | 1.9 | 2.8 | 2.3 | .4 | .4 | .2 | .1 | | | | | | | | | | 72 | 72 | 14 | 9 | | | | | | | | | | | |
| 58/ 57 | .3 | 3.2 | 3.5 | 1.6 | .3 | .3 | | | | | | | | | | | | 87 | 87 | 51 | 23 | | | | | | | | | | | |
| 56/ 55 | .9 | 4.8 | 3.4 | 1.6 | .2 | .1 | | | | | | | | | | | | 105 | 105 | 99 | 55 | | | | | | | | | | | |
| 54/ 53 | .8 | 5.6 | 2.8 | 1.3 | .3 | | | | | | | | | | | | | 100 | 100 | 108 | 72 | | | | | | | | | | | |
| 52/ 51 | 2.0 | 7.6 | 2.6 | .3 | .2 | | | | | | | | | | | | | 119 | 119 | 142 | 122 | | | | | | | | | | | |
| 50/ 49 | 1.4 | 6.8 | 1.7 | .6 | .2 | | | | | | | | | | | | | 100 | 100 | 126 | 137 | | | | | | | | | | | |
| 48/ 47 | 2.0 | 5.7 | 1.6 | .4 | | | | | | | | | | | | | | 91 | 91 | 121 | 101 | | | | | | | | | | | |
| 46/ 45 | 1.6 | 4.7 | .6 | .1 | | | | | | | | | | | | | | 66 | 66 | 97 | 141 | | | | | | | | | | | |
| 44/ 43 | 1.9 | 2.3 | .9 | | | | | | | | | | | | | | | 47 | 47 | 69 | 98 | | | | | | | | | | | |
| 42/ 41 | 1.7 | 2.3 | .1 | | | | | | | | | | | | | | | 38 | 38 | 44 | 61 | | | | | | | | | | | |
| 40/ 39 | .9 | .9 | | | | | | | | | | | | | | | | 16 | 16 | 33 | 47 | | | | | | | | | | | |
| 38/ 37 | .8 | .3 | | | | | | | | | | | | | | | | 10 | 10 | 13 | 33 | | | | | | | | | | | |
| 36/ 35 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 17 | | | | | | | | | | | |
| 34/ 33 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 11 | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | 1 | 2 | | | | | | | | | | | |
| TOTAL | 14.5 | 46.3 | 21.8 | 11.0 | 3.0 | 2.0 | .8 | .4 | .1 | | | | | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 6481391 | 79217 | 85.2 | 11.998 | 930 | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 2553659 | 48377 | 52.0 | 6.325 | 930 | | | .0 | | | | 93 |
| Wet Bulb | 2299948 | 43992 | 49.5 | 5.236 | 930 | | | .1 | | | | 93 |
| Dew Point | 2113189 | 44041 | 47.4 | 5.449 | 930 | | | .2 | | | | 93 |

USAFETAC FORM 0-26-5 (QLA) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25216 FORT NELSON BC/MUSKWA DUT APT 57-66

25216
STATION

FORT NELSON BC/MUSKWA OUT APT

57-66

AUG

PAGE 1 1200-1400

HOURS 11 - 5 - 7 - 9

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

57-66

A.J.G.

STAT 30N

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

10/1/81

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USAFETAC
FORM
JUL 04
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DOT APT

57-66

AUG

STATION

STATION NAME

YEARS

MONTH

PAGE 1 1500-1700

HOURS (L, S, T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B.-W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 88/ 87 | | | | | | | | | | | | | .1 | .1 | | | | 2 | 2 | | | | | | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | .2 | .2 | .6 | .4 | .1 | | | | 15 | 15 | | | | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | .2 | .4 | .5 | .9 | | | | | | 19 | 19 | | | | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | | | .1 | .2 | 1.0 | .9 | | | | | | 20 | 20 | | | | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | .2 | .4 | 1.0 | 1.4 | 2.4 | .5 | | | | | | 55 | 55 | | | | | | | | | | | | | | | | |
| 78/ 77 | | | | | | .2 | 1.1 | 1.3 | 2.8 | 1.6 | .4 | | | | | | | 71 | 71 | | | | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .3 | 1.4 | 1.3 | 1.5 | .4 | | | | | | | | 48 | 48 | | | | | | | | | | | | | | | | |
| 74/ 73 | | | | .3 | .6 | .6 | 1.5 | 1.7 | .9 | .5 | .3 | | | | | | | 61 | 61 | | | | | | | | | | | | | | | | |
| 72/ 71 | | .1 | | .5 | 1.0 | 1.3 | 1.6 | 1.6 | .9 | .5 | .1 | | | | | | | 73 | 73 | | | | | | | | | | | | | | | | |
| 70/ 69 | | | | 1.4 | 1.1 | 2.2 | 1.4 | 1.7 | .4 | .8 | | | | | | | | 83 | 83 | | | | | | | | | | | | | | | | |
| 68/ 67 | | | | .5 | 1.1 | 1.9 | 2.0 | 1.2 | 1.1 | .8 | .1 | | | | | | | 80 | 80 | 8 | | | | | | | | | | | | | | | |
| 66/ 65 | | | .3 | 1.1 | 1.2 | 1.5 | 1.8 | 1.7 | | | | | | | | | | 71 | 71 | 19 | 1 | | | | | | | | | | | | | | |
| 64/ 63 | | .2 | 1.1 | 1.2 | .8 | 1.6 | 1.4 | 1.2 | .1 | | | | | | | | | 69 | 69 | 67 | 2 | | | | | | | | | | | | | | |
| 62/ 61 | | .4 | .8 | .5 | 1.8 | 1.1 | 1.4 | .3 | .1 | | | | | | | | | 59 | 59 | 118 | 7 | | | | | | | | | | | | | | |
| 60/ 59 | | .8 | 1.0 | 1.0 | 1.2 | 1.5 | .2 | .1 | | | | | | | | | | 53 | 53 | 144 | 25 | | | | | | | | | | | | | | |
| 58/ 57 | | .8 | .9 | 1.3 | .9 | .5 | .3 | | | | | | | | | | | 43 | 43 | 132 | 54 | | | | | | | | | | | | | | |
| 56/ 54 | .1 | 1.5 | .9 | | .1 | .3 | | | | | | | | | | | | 27 | 27 | 94 | 73 | | | | | | | | | | | | | | |
| 54/ 53 | | .9 | .4 | .1 | .2 | | | | | | | | | | | | | 19 | 19 | 133 | 85 | | | | | | | | | | | | | | |
| 52/ 51 | | .9 | .1 | .4 | | | | | | | | | | | | | | 13 | 13 | 92 | 91 | | | | | | | | | | | | | | |
| 50/ 49 | | 1.4 | .9 | .8 | | | | | | | | | | | | | | 28 | 28 | 55 | 104 | | | | | | | | | | | | | | |
| 48/ 47 | .1 | .8 | | | | | | | | | | | | | | | | 8 | 8 | 34 | 134 | | | | | | | | | | | | | | |
| 46/ 45 | .1 | .5 | .2 | | | | | | | | | | | | | | | 8 | 8 | 26 | 100 | | | | | | | | | | | | | | |
| 44/ 43 | .3 | .1 | .1 | | | | | | | | | | | | | | | 5 | 5 | 8 | 69 | | | | | | | | | | | | | | |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | 4 | 64 | | | | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | 50 | | | | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 32 | | | | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | .4 | 8.2 | 7.1 | 6.9 | 9.4 | 11.2 | 12.3 | 11.9 | 10.6 | 9.4 | 8.1 | 3.8 | .5 | .2 | | | | 930 | 930 | 930 | | | | | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 2346632 | 49266 | 53.0 | 19.041 | 930 | ≥ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 4325879 | 62857 | 67.6 | 9.133 | 930 | | | 52.7 | 29.1 | 8.1 | | 93 |
| Wet Bulb | 2964073 | 52287 | 56.2 | 5.121 | 930 | | | | .8 | | | 93 |
| Dew Point | 2187317 | 44701 | 48.1 | 6.474 | 930 | | | 1.4 | | | | 93 |

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DIST APT

57-66

AUG
MONTH

PAGE 1 1800-2000

HOURS: 9 A.M. - 5 P.M.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | + 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 86/ 85 | | | | | | | | | | | .2 | .1 | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 84/ 83 | | | | | | | | | | | .2 | .1 | | .1 | | | | 6 | 6 | | | | | | | | | | | | | |
| 82/ 81 | | | | | | | .1 | | .3 | .3 | .2 | .1 | | | | | | 10 | 10 | | | | | | | | | | | | | |
| 80/ 79 | | | | | | | .1 | | .3 | .4 | .5 | .1 | | | | | | 18 | 18 | | | | | | | | | | | | | |
| 78/ 77 | | | | | | .2 | | .6 | .3 | 1.3 | .2 | .1 | | | | | | 26 | 26 | | | | | | | | | | | | | |
| 76/ 75 | | | | | | .2 | .6 | .9 | 1.1 | 1.0 | | | | | | | | 35 | 35 | | | | | | | | | | | | | |
| 74/ 73 | | | | | .1 | .5 | 1.2 | 1.1 | .9 | .3 | .1 | | | | | | | 39 | 39 | | | | | | | | | | | | | |
| 72/ 71 | | | | | .9 | .8 | 1.6 | 2.0 | .8 | .2 | .2 | .1 | | | | | | 61 | 61 | | | | | | | | | | | | | |
| 70/ 69 | | | | .9 | 1.1 | 1.6 | 2.0 | .5 | .4 | .5 | .1 | | | | | | | 67 | 67 | 2 | | | | | | | | | | | | |
| 68/ 67 | | | .3 | 1.2 | 1.2 | 2.6 | .9 | 1.1 | .1 | .5 | | | | | | | | 73 | 73 | 3 | | | | | | | | | | | | |
| 66/ 65 | | .1 | .6 | 1.7 | 2.2 | 1.7 | 1.3 | .9 | .4 | .3 | | | | | | | | 86 | 86 | 12 | | | | | | | | | | | | |
| 64/ 63 | | .2 | 1.2 | 1.1 | 2.2 | 1.1 | 1.0 | .4 | .2 | | | | | | | | | 68 | 68 | 52 | 7 | | | | | | | | | | | |
| 62/ 61 | | 1.5 | 1.8 | 1.8 | 1.0 | 1.9 | 1.1 | .2 | | | | | | | | | | 87 | 87 | 88 | 12 | | | | | | | | | | | |
| 60/ 59 | .2 | 1.3 | 1.4 | 1.4 | 1.6 | 1.3 | | .2 | | | | | | | | | | 74 | 74 | 126 | 44 | | | | | | | | | | | |
| 58/ 57 | .1 | 1.6 | 1.4 | 2.2 | 1.6 | .6 | .1 | | | | | | | | | | | 71 | 71 | 136 | 64 | | | | | | | | | | | |
| 56/ 55 | .3 | 2.3 | 1.4 | 1.4 | .4 | .2 | .1 | | | | | | | | | | | 57 | 57 | 106 | 82 | | | | | | | | | | | |
| 54/ 53 | .2 | 1.7 | 1.7 | .6 | .4 | .1 | .1 | | | | | | | | | | | 46 | 46 | 109 | 105 | | | | | | | | | | | |
| 52/ 51 | .2 | 2.7 | .6 | .3 | .2 | | | | | | | | | | | | | 38 | 38 | 104 | 113 | | | | | | | | | | | |
| 50/ 49 | .1 | 1.5 | .6 | .3 | .1 | | | | | | | | | | | | | 25 | 25 | 91 | 120 | | | | | | | | | | | |
| 48/ 47 | | 1.7 | .8 | | | | | | | | | | | | | | | 23 | 23 | 44 | 100 | | | | | | | | | | | |
| 46/ 45 | .2 | .8 | .1 | | | | | | | | | | | | | | | 10 | 10 | 32 | 86 | | | | | | | | | | | |
| 44/ 43 | .1 | .3 | .1 | | | | | | | | | | | | | | | 5 | 5 | 17 | 69 | | | | | | | | | | | |
| 42/ 41 | | .4 | | | | | | | | | | | | | | | | 4 | 4 | 4 | 47 | | | | | | | | | | | |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | 4 | 40 | | | | | | | | | | | |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | 11 | | | | | | | | | | | |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | 9 | | | | | | | | | | | |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | |
| TOTAL | 1.5 | 16.1 | 12.7 | 12.9 | 12.9 | 12.9 | 10.2 | 8.0 | 4.8 | 5.6 | 1.6 | .6 | .1 | | | | | 930 | 930 | 930 | 930 | | | | | | | | | | | |

| Element (X) | Σx^1 | Σx | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 4132396 | 39428 | 63.9 | 18.986 | 930 | = 0 F | = 32 F | = 67 F | = 73 F | = 80 F | = 93 F | |
| Dry Bulb | 3790517 | 38839 | 63.3 | 8.550 | 930 | | | 33.6 | 13.5 | 2.3 | | 93 |
| Wet Bulb | 2862573 | 51359 | 55.2 | 5.319 | 930 | | | .5 | | | | 93 |
| Dew Point | 2316045 | 46029 | 49.5 | 6.388 | 930 | | 1.3 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON BC/MUSKWA DUT APT

57-66

S & P

PAGE 1 0000-0200

HO₂PS₂ S₂T₂

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 62/ 61 | | | .3 | | | .2 | .3 | | | | | | | | | | | 8 | 8 | | | | | | | | | | | | | | | | |
| 60/ 59 | | .1 | .4 | | .1 | .4 | | | | | | | | | | | | 10 | 10 | | | | | | | | | | | | | | | | |
| 58/ 57 | | .3 | .2 | .2 | .3 | .3 | | | | | | | | | | | | 13 | 13 | 6 | 1 | | | | | | | | | | | | | | |
| 56/ 55 | | .6 | .2 | .4 | .3 | .1 | | | | | | | | | | | | 15 | 15 | 8 | 7 | | | | | | | | | | | | | | |
| 54/ 53 | | .9 | .3 | | .3 | | .1 | | | | | | | | | | | 15 | 15 | 6 | 4 | | | | | | | | | | | | | | |
| 52/ 51 | .4 | 1.3 | 1.3 | .4 | .3 | .2 | | | | | | | | | | | | 37 | 37 | 25 | 15 | | | | | | | | | | | | | | |
| 50/ 49 | .6 | 2.7 | 1.0 | .4 | | .2 | | | | | | | | | | | | 44 | 44 | 38 | 17 | | | | | | | | | | | | | | |
| 48/ 47 | 1.0 | 5.2 | 1.0 | .7 | .1 | | | | | | | | | | | | | 72 | 72 | 62 | 41 | | | | | | | | | | | | | | |
| 46/ 45 | 1.7 | 5.4 | 1.2 | .7 | .1 | | | | | | | | | | | | | 82 | 82 | 80 | 60 | | | | | | | | | | | | | | |
| 44/ 43 | 2.8 | 7.6 | 1.6 | .4 | .3 | | | | | | | | | | | | | 114 | 114 | 93 | 84 | | | | | | | | | | | | | | |
| 42/ 41 | 2.1 | 6.8 | 1.3 | .1 | | | | | | | | | | | | | | 91 | 91 | 104 | 103 | | | | | | | | | | | | | | |
| 40/ 39 | 3.4 | 8.6 | 1.0 | | | | | | | | | | | | | | | 117 | 117 | 124 | 118 | | | | | | | | | | | | | | |
| 38/ 37 | 3.0 | 7.6 | 1.2 | | | | | | | | | | | | | | | 106 | 106 | 118 | 116 | | | | | | | | | | | | | | |
| 36/ 35 | 1.7 | 3.1 | .4 | | | | | | | | | | | | | | | 48 | 48 | 79 | 88 | | | | | | | | | | | | | | |
| 34/ 33 | 2.3 | 2.9 | .4 | | | | | | | | | | | | | | | 51 | 51 | 55 | 87 | | | | | | | | | | | | | | |
| 32/ 31 | 2.0 | 1.8 | .3 | | | | | | | | | | | | | | | 37 | 37 | 46 | 62 | | | | | | | | | | | | | | |
| 30/ 29 | .4 | 1.4 | .2 | | | | | | | | | | | | | | | 19 | 19 | 25 | 31 | | | | | | | | | | | | | | |
| 28/ 27 | .6 | .7 | | | | | | | | | | | | | | | | 11 | 11 | 17 | 30 | | | | | | | | | | | | | | |
| 26/ 25 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 7 | 15 | | | | | | | | | | | | | | |
| 24/ 23 | .4 | .3 | | | | | | | | | | | | | | | | 7 | 7 | 6 | 8 | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | 1 | 8 | | | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | 5 | | | | | | | | | | | | | | |
| TOTAL | 72.8 | 57.0 | 12.8 | 3.6 | 2.3 | 1.1 | .4 | | | | | | | | | | | 900 | 900 | 900 | 900 | | | | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | Σ | σ _x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|------|----------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 7049268 | 79024 | 87.8 | 11.092 | 900 | ≤ 0 F | ≥ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Dry Bulb | 1625422 | 37726 | 41.9 | 6.998 | 900 | | 7.7 | | | | | 90 |
| Wet Bulb | 1490727 | 36193 | 40.2 | 6.261 | 900 | | 10.2 | | | | | 90 |
| Dew Point | 1357379 | 34465 | 38.3 | 6.464 | 900 | | 15.9 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

29213 FORT NELSON BC/MUSKWA OUT APT

57-66

343

PAGE 1 0600-0800

HOURS 11:30 - 1:30

| Temp.
(F) | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-----|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | |
| 62/ 61 | | | | .1 | | | | .1 | | | | | | | | | | | 2 | 2 | | | | | | | | | | | | | | |
| 60/ 59 | | | | | | .1 | .3 | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | | |
| 58/ 57 | | | .6 | .1 | .2 | .3 | .1 | | | | | | | | | | | | 12 | 12 | 1 | | | | | | | | | | | | | |
| 56/ 55 | | | .1 | .4 | .3 | | | .1 | | | | | | | | | | | 9 | 9 | 5 | 4 | | | | | | | | | | | | |
| 54/ 53 | .2 | .4 | | .3 | .2 | .3 | .2 | | .2 | | | | | | | | | | 16 | 16 | 7 | 5 | | | | | | | | | | | | |
| 52/ 51 | .4 | .7 | .4 | .3 | .2 | .2 | | | | | | | | | | | | | 21 | 21 | 14 | 9 | | | | | | | | | | | | |
| 50/ 49 | .7 | 1.7 | .2 | .2 | .1 | .1 | | | | | | | | | | | | | 27 | 27 | 26 | 12 | | | | | | | | | | | | |
| 48/ 47 | 1.0 | 3.8 | 1.0 | .3 | .2 | | | | | | | | | | | | | | 57 | 57 | 44 | 27 | | | | | | | | | | | | |
| 46/ 45 | 1.0 | 3.7 | 2.0 | .1 | .1 | | | | | | | | | | | | | | 62 | 62 | 45 | 31 | | | | | | | | | | | | |
| 44/ 43 | 3.4 | 5.1 | .4 | .4 | | | | | | | | | | | | | | | 88 | 88 | 83 | 62 | | | | | | | | | | | | |
| 42/ 41 | 4.1 | 7.2 | .6 | | | | | | | | | | | | | | | | 107 | 107 | 121 | 89 | | | | | | | | | | | | |
| 40/ 39 | 4.2 | 7.9 | 1.1 | .1 | | | | | | | | | | | | | | | 120 | 120 | 117 | 120 | | | | | | | | | | | | |
| 38/ 37 | 3.7 | 6.1 | 1.4 | | | | | | | | | | | | | | | | 101 | 101 | 110 | 122 | | | | | | | | | | | | |
| 36/ 35 | 3.0 | 5.9 | .8 | | | | | | | | | | | | | | | | 87 | 87 | 96 | 77 | | | | | | | | | | | | |
| 34/ 33 | 2.6 | 4.2 | .4 | | | | | | | | | | | | | | | | 65 | 65 | 84 | 103 | | | | | | | | | | | | |
| 32/ 31 | 3.6 | 2.7 | .2 | | | | | | | | | | | | | | | | 58 | 59 | 69 | 88 | | | | | | | | | | | | |
| 30/ 29 | 1.4 | 2.3 | .1 | | | | | | | | | | | | | | | | 35 | 35 | 35 | 55 | | | | | | | | | | | | |
| 28/ 27 | .6 | .6 | .2 | | | | | | | | | | | | | | | | 12 | 12 | 18 | 30 | | | | | | | | | | | | |
| 26/ 25 | .2 | .4 | | | | | | | | | | | | | | | | | 6 | 6 | 13 | 19 | | | | | | | | | | | | |
| 24/ 23 | .7 | .2 | | | | | | | | | | | | | | | | | 8 | 8 | 7 | 11 | | | | | | | | | | | | |
| 22/ 21 | .2 | | | | | | | | | | | | | | | | | | 2 | 2 | 3 | 10 | | | | | | | | | | | | |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | 4 | | | | | | | | | | | | |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | |
| TOTAL | | 11.4 | 53.6 | 9.7 | 2.4 | 1.3 | 1.1 | .4 | | | | | | | | | | | 899 | 900 | 899 | 899 | | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | \bar{x} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|-----------|------------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 7344312 | 80692 | 89.8 | 10.647 | 899 | + 0 F | + 32 F | + 67 F | + 73 F | + 80 F | + 93 F | |
| Dry Bulb | 1483412 | 36046 | 40.1 | 6.813 | 900 | | 12.2 | | | | | 90 |
| Wet Bulb | 1379785 | 34781 | 38.7 | 6.168 | 899 | | 14.5 | | | | | 90 |
| Dew Point | 1270641 | 33309 | 37.1 | 6.376 | 899 | | 21.8 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

7521A FORT NELSON BC/MSKWA DET ART
STATION NAME

57-66

SEP
MCMXII

PAGE 1 0900-1100

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | |
| 72/ 71 | | | | | | | | | .1 | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | |
| 70/ 69 | | | | | | | .1 | .1 | .1 | .2 | | | | | | | | | 7 | 7 | | | | | | | | | | | | | | |
| 68/ 67 | | | | | | | .1 | .1 | .1 | | | | | | | | | | 3 | 3 | | | | | | | | | | | | | | |
| 66/ 65 | | | .1 | .1 | .1 | .4 | .2 | .3 | .1 | | | | | | | | | | 13 | 13 | | | | | | | | | | | | | | |
| 64/ 63 | | | .1 | | .4 | .3 | .8 | | | | | | | | | | | | 15 | 15 | | | | | | | | | | | | | | |
| 62/ 61 | | | .2 | .3 | .4 | .7 | .8 | .1 | .1 | | | | | | | | | | 24 | 24 | 1 | | | | | | | | | | | | | |
| 60/ 59 | | | .2 | 1.1 | .7 | 1.6 | | .3 | .3 | | | | | | | | | | 38 | 38 | 5 | | | | | | | | | | | | | |
| 58/ 57 | | .1 | .4 | .6 | 1.0 | .6 | .6 | .3 | | | | | | | | | | | 31 | 31 | 9 | | | | | | | | | | | | | |
| 56/ 55 | | .3 | .7 | 1.1 | .9 | .7 | .7 | .2 | | | | | | | | | | | 41 | 41 | 1 | | | | | | | | | | | | | |
| 54/ 53 | .1 | .4 | 1.1 | 1.6 | 1.6 | .8 | .2 | | | | | | | | | | | | 54 | 54 | 12 | | | | | | | | | | | | | |
| 52/ 51 | .1 | 1.2 | 1.7 | 2.3 | .7 | .6 | .1 | | | | | | | | | | | | 60 | 60 | 19 | | | | | | | | | | | | | |
| 50/ 49 | .8 | 2.0 | 2.0 | 1.6 | 1.6 | .6 | | | | | | | | | | | | | 85 | 85 | 27 | | | | | | | | | | | | | |
| 48/ 47 | .8 | 4.0 | 3.1 | 1.9 | 1.0 | .2 | | | | | | | | | | | | | 99 | 99 | 49 | | | | | | | | | | | | | |
| 46/ 45 | 1.1 | 4.6 | 3.1 | 1.0 | .4 | | | | | | | | | | | | | | 92 | 92 | 66 | | | | | | | | | | | | | |
| 44/ 43 | 1.0 | 3.8 | 3.1 | 1.1 | .3 | | | | | | | | | | | | | | 84 | 84 | 96 | | | | | | | | | | | | | |
| 42/ 41 | 1.0 | 5.0 | 1.7 | .7 | .2 | | | | | | | | | | | | | | 77 | 77 | 115 | | | | | | | | | | | | | |
| 40/ 39 | 1.2 | 3.3 | 1.9 | .8 | | | | | | | | | | | | | | | 65 | 65 | 121 | | | | | | | | | | | | | |
| 38/ 37 | .7 | 3.0 | .4 | .2 | | | | | | | | | | | | | | | 39 | 39 | 92 | | | | | | | | | | | | | |
| 36/ 35 | .9 | 1.8 | .4 | | | | | | | | | | | | | | | | 28 | 28 | 78 | | | | | | | | | | | | | |
| 34/ 33 | .4 | 1.6 | .4 | .1 | | | | | | | | | | | | | | | 23 | 23 | 70 | | | | | | | | | | | | | |
| 32/ 31 | .4 | .9 | .2 | | | | | | | | | | | | | | | | 14 | 14 | 55 | | | | | | | | | | | | | |
| 30/ 29 | .1 | .3 | | | | | | | | | | | | | | | | | 4 | 4 | 42 | | | | | | | | | | | | | |
| 28/ 27 | | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 21 | | | | | | | | | | | | | |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | A.732 | .721 | .714 | .7 | 9.6 | 6.8 | 3.6 | 1.6 | .9 | | | | | | | | | | 900 | 900 | 900 | | | | | | | | | | | | | |

| Element (X) | Σx | Σx^2 | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|------------|--------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 5281087 | 67249 | 74.7 | 16.880 | 900 | < 0 F | < 32 F | > 67 F | > 73 F | > 80 F | > 93 F | |
| Dry Bulb | 2888046 | 42728 | 47.5 | 8.136 | 900 | | 2.1 | 1.1 | | | | 90 |
| Wet Bulb | 1724258 | 39000 | 43.3 | 6.173 | 900 | | 4.2 | | | | | 90 |
| Dew Point | 1411726 | 35148 | 39.1 | 6.393 | 900 | | 15.0 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/RUSKWA DIST APT

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| 78 / 77 | | | | | | | | | .1 | .1 | .2 | | | | | | | 4 | 4 | | | | | | | | | | | | | | | | |
| 76 / 75 | | | | | | | | .4 | .1 | .1 | .3 | | | | | | | 9 | 9 | | | | | | | | | | | | | | | | |
| 74 / 73 | | | | | | | | .3 | .7 | .1 | .2 | | | | | | | 12 | 12 | | | | | | | | | | | | | | | | |
| 72 / 71 | | | | | | .1 | .4 | .7 | .2 | .3 | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 70 / 69 | | | | | | .2 | .3 | .7 | .4 | .1 | | | | | | | | 16 | 16 | | | | | | | | | | | | | | | | |
| 68 / 67 | | | | | | .1 | 1.4 | 1.1 | .8 | | | | | | | | | 31 | 31 | | | | | | | | | | | | | | | | |
| 66 / 65 | | | | .1 | .4 | .8 | 1.0 | .8 | .9 | | | | | | | | | 36 | 36 | | | | | | | | | | | | | | | | |
| 64 / 63 | | | .1 | .2 | .7 | .3 | 2.0 | 1.6 | .2 | .1 | .1 | | | | | | | 48 | 48 | | | | | | | | | | | | | | | | |
| 62 / 61 | | | .2 | .6 | 1.3 | .8 | 2.4 | 1.7 | .8 | .2 | | | | | | | | 72 | 72 | 10 | | | | | | | | | | | | | | | |
| 60 / 59 | | | .2 | .3 | 1.3 | 1.6 | 1.6 | 2.2 | .1 | | | | | | | | | 66 | 66 | 13 | | | | | | | | | | | | | | | |
| 58 / 57 | | | .3 | .9 | 1.0 | 1.7 | 2.7 | .9 | .2 | | | | | | | | | 69 | 69 | 30 | 1 | | | | | | | | | | | | | | |
| 56 / 55 | | .6 | .8 | 1.1 | 1.8 | 2.6 | 2.6 | .1 | | | | | | | | | | 85 | 85 | 49 | 4 | | | | | | | | | | | | | | |
| 54 / 53 | | 1.2 | .7 | 1.2 | 1.6 | 2.0 | .4 | | | | | | | | | | | 64 | 64 | 62 | 18 | | | | | | | | | | | | | | |
| 52 / 51 | .1 | 1.0 | 2.0 | 2.8 | 1.2 | .7 | .2 | .1 | | | | | | | | | | 73 | 73 | 73 | 29 | | | | | | | | | | | | | | |
| 50 / 49 | .1 | .9 | 1.6 | 2.3 | .6 | .7 | .3 | | | | | | | | | | | 58 | 58 | 108 | 46 | | | | | | | | | | | | | | |
| 48 / 47 | .1 | 2.2 | 2.4 | 1.2 | .9 | .4 | .1 | | | | | | | | | | | 67 | 67 | 121 | 54 | | | | | | | | | | | | | | |
| 46 / 45 | .1 | 1.7 | 2.2 | .2 | .7 | .7 | | | | | | | | | | | | 50 | 50 | 132 | 74 | | | | | | | | | | | | | | |
| 44 / 43 | .4 | 1.6 | 1.2 | .9 | .3 | | | | | | | | | | | | | 40 | 40 | 120 | 67 | | | | | | | | | | | | | | |
| 42 / 41 | .2 | 1.4 | 1.0 | .4 | .2 | | | | | | | | | | | | | 35 | 35 | 56 | 110 | | | | | | | | | | | | | | |
| 40 / 39 | .2 | 1.3 | | | | | | | | | | | | | | | | 14 | 14 | 48 | 106 | | | | | | | | | | | | | | |
| 38 / 37 | .3 | .9 | | .4 | | | | | | | | | | | | | | 15 | 15 | 36 | 104 | | | | | | | | | | | | | | |
| 36 / 35 | | .7 | | .2 | | | | | | | | | | | | | | 8 | 8 | 18 | 82 | | | | | | | | | | | | | | |
| 34 / 33 | | .7 | | | | | | | | | | | | | | | | 6 | 6 | 8 | 54 | | | | | | | | | | | | | | |
| 32 / 31 | .1 | .3 | | | | | | | | | | | | | | | | 4 | 4 | 10 | 49 | | | | | | | | | | | | | | |
| 30 / 29 | | .2 | | | | | | | | | | | | | | | | 2 | 2 | 5 | 35 | | | | | | | | | | | | | | |
| 28 / 27 | | | | | | | | | | | | | | | | | | | | 1 | 25 | | | | | | | | | | | | | | |
| 26 / 25 | | | | | | | | | | | | | | | | | | | | | 14 | | | | | | | | | | | | | | |
| 24 / 23 | | | | | | | | | | | | | | | | | | | | | 12 | | | | | | | | | | | | | | |
| 22 / 21 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | |
| 20 / 19 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| 18 / 17 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 1.8 | 15.1 | 12.4 | 13.1 | 12.0 | 12.6 | 15.6 | 10.6 | 4.6 | 1.1 | .9 | | | | | | | 900 | 900 | 900 | | | | | | | | | | | | | | | |

| Element (X) | Σ x' | Σ x | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|---------|-------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 3556749 | 53749 | 59.7 | 19.641 | 900 | < 0 F | < 32 F | > 67 F | > 73 F | > 80 F | > 93 F | |
| Dry Bulb | 2760363 | 49167 | 54.6 | 9.095 | 900 | | .6 | 8.8 | 2.5 | | | 90 |
| Wet Bulb | 2011211 | 42195 | 46.9 | 6.036 | 900 | | 1.6 | | | | | 90 |
| Dew Point | 1444268 | 35468 | 39.4 | 7.193 | 900 | | 15.1 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

| | |
|---------|-------------------------------|
| 29218 | FORT NELSON BC/MUSKWA OUT APT |
| STATION | STATION NAME |

57-66

ACT

SIA™ 24

STATION NAME

YEARS

MONTH

PAGE 2 0000-0200
HOURS (L. S. T.)

[illegible]

USAFETAC FORM 0.26-5 (OL A)
JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 25218 | FORT NELSON BC/MUSKWA DUT APT |
| STATION | STATION NAME |

57-66

OCT
 MONTH

PAGE 1 0300-0500

11:30 AM - 1:00 PM

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAL

USAFETAC
FORM
HIL 04
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

| | |
|---------|-------------------------------|
| 23218 | FURT NELSON BC/MUSKWA OUT APT |
| STATION | STATION NAME |

57-66

OCT
MONTH

PAGE 2 0300-0500
HOURS L. E. T.

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

500

STAY IN

STATION NAME

YEARS

MONTH

PAGE 1

0600-0800

HOURS (S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | |
|--------------|-------------------------------------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|----|-------|------|-----------|----------|----------|-----------|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| 60/ 59 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | | |
| 58/ 57 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | | |
| 56/ 55 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | | |
| 54/ 53 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 2 | | |
| 52/ 51 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | | |
| 50/ 49 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 5 | 4 | |
| 48/ 47 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 4 | |
| 46/ 45 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 6 | |
| 44/ 43 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 8 | 7 | 5 |
| 42/ 41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 17 | 17 | 10 | 7 |
| 40/ 39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 34 | 34 | 19 | 11 |
| 38/ 37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 23 | 23 | 27 | 26 |
| 36/ 35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 50 | 50 | 41 | 28 |
| 34/ 33 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 72 | 72 | 53 | 33 |
| 32/ 31 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 102 | 102 | 102 | 82 |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 117 | 117 | 104 | 77 |
| 28/ 27 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 121 | 121 | 151 | 101 |
| 26/ 25 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 64 | 65 | 87 | 123 |
| 24/ 23 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 45 | 45 | 51 | 85 |
| 22/ 21 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 57 | 57 | 57 | 66 |
| 20/ 19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | 43 | 70 |
| 18/ 17 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 36 | 36 | 39 | 42 |
| 16/ 15 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON HC/MUSKWA DIST ADT
STATION STATION NAME

57-66

YEARS

OCT
MONTH

PAGE 2 0600-0800
HOURS L. S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| -8/-9 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| -10/-11 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | 44.745.1 | 6.1 | 1.9 | 1.3 | .9 | .1 | | | | | | | | | | | | | 929 | 930 | 929 | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 7172947 | 81111 | 87.3 | 9.910 | 929 | | | | | | | 93 |
| Dry Bulb | 776964 | 25218 | 27.1 | 9.684 | 930 | 1.2 | 69.9 | | | | | 93 |
| Wet Bulb | 702634 | 24206 | 26.1 | 8.804 | 929 | 1.2 | 75.7 | | | | | 93 |
| Dew Point | 590152 | 21912 | 23.6 | 8.891 | 929 | 1.7 | 82.0 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAG
AIR WEATHER SERVICE/AG

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

69

PAGE 2 1200-1400

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

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Figure 1

USAFETAC
FORM
JUL 64
0-26-5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AMT

PSYCHROMETRIC SUMMARY

25218 FORT NELSON FC/MUSKWA DUT APT

57-66

NET
MONTH

PAGE 2 1800-2000

1000-200
HOURS

[illegible]

DATA PROCESSING DIVISION
USAF ETAL
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA OUT APT

57-66

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PAGE 1 2100-2300

HOURS: 5.1

[illegible]

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

762

PAGE 2 2100-2300

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USAFETAC
FORM
JUL 64
0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON BC/MUSKWA DIST APT

57-66

444

MONTH

PAGE 2 0000-0200

HOURS 11:51

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point |
| -24/-25 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 7 |
| -26/-27 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 8 |
| -28/-29 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 9 |
| -30/-31 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 10 |
| -32/-33 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 5 |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | 2 |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 8 |
| -38/-39 | | | | | | | | | | | | | | | | | | | 6 | | 2 |
| TOTAL | 2.8 | 14.9 | 1.3 | | .7 | .3 | | | | | | | | | | | | 894 | 900 | 894 | 894 |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 6628245 | 76705 | 85.8 | 7.253 | 894 | | | | | | | 90 |
| Dry Bulb | 740140 | 5312 | 5.915 | 2.40 | 900 | 31.0 | 86.7 | | | | | 90 |
| Wet Bulb | 218386 | 5272 | 5.914 | 4.82 | 894 | 30.6 | 88.5 | | | | | 90 |
| Dew Point | 208888 | 2414 | 2.715 | 0.54 | 894 | 38.4 | 89.6 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 25218 | FORT NELSON BC/MUSKWA DUT APT |
| STATION | STATION NAME |

57-66

YEARS

NDM
MONTH

PAGE 1 0300-0500

HQJAS 5-5

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | |
| 42/ 41 | | | | .2 | | | | | | | | | | | | | | 7 | 2 | | | | | | | | | | | | | |
| 40/ 39 | | | | .1 | .1 | | | | | | | | | | | | | 7 | 2 | | | | | | | | | | | | | |
| 38/ 37 | | | | | .1 | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | |
| 36/ 35 | | | .3 | .4 | .1 | | | | | | | | | | | | | 5 | 8 | 3 | | | | | | | | | | | | |
| 34/ 33 | | | .4 | .4 | | | | | | | | | | | | | | 11 | 11 | 4 | 1 | | | | | | | | | | | |
| 32/ 31 | .4 | .9 | .6 | | | | | | | | | | | | | | | 15 | 18 | 20 | 16 | | | | | | | | | | | |
| 30/ 29 | .1 | .7 | | | | | | | | | | | | | | | | 7 | 7 | 14 | 11 | | | | | | | | | | | |
| 28/ 27 | .1 | .9 | .1 | | | | | | | | | | | | | | | 10 | 10 | 12 | 10 | | | | | | | | | | | |
| 26/ 25 | .7 | 1.2 | | | | | | | | | | | | | | | | 17 | 17 | 19 | 10 | | | | | | | | | | | |
| 24/ 23 | 1.0 | 1.9 | | | | | | | | | | | | | | | | 26 | 26 | 19 | 28 | | | | | | | | | | | |
| 22/ 21 | 1.0 | 1.9 | .1 | | | | | | | | | | | | | | | 27 | 27 | 32 | 14 | | | | | | | | | | | |
| 20/ 19 | 4.4 | 1.3 | | | | | | | | | | | | | | | | 51 | 51 | 52 | 24 | | | | | | | | | | | |
| 18/ 17 | 4.1 | .8 | | | | | | | | | | | | | | | | 44 | 44 | 47 | 37 | | | | | | | | | | | |
| 16/ 15 | 4.4 | .8 | | | | | | | | | | | | | | | | 46 | 46 | 43 | 47 | | | | | | | | | | | |
| 14/ 13 | 3.7 | .7 | | | | | | | | | | | | | | | | 39 | 39 | 42 | 42 | | | | | | | | | | | |
| 12/ 11 | 3.5 | .4 | | | | | | | | | | | | | | | | 35 | 35 | 33 | 44 | | | | | | | | | | | |
| 10/ 9 | 3.6 | .3 | | | | | | | | | | | | | | | | 35 | 35 | 36 | 32 | | | | | | | | | | | |
| 8/ 7 | 5.0 | | | | | | | | | | | | | | | | | 45 | 45 | 46 | 32 | | | | | | | | | | | |
| 6/ 5 | 5.9 | | | | | | | | | | | | | | | | | 53 | 53 | 53 | 46 | | | | | | | | | | | |
| 4/ 3 | 6.4 | | | | | | | | | | | | | | | | | 57 | 57 | 57 | 42 | | | | | | | | | | | |
| 2/ 1 | 4.9 | | | | | | | | | | | | | | | | | 44 | 44 | 44 | 63 | | | | | | | | | | | |
| 0/ -1 | 2.9 | .1 | | | | | | | | | | | | | | | | 27 | 27 | 26 | 50 | | | | | | | | | | | |
| -2/ -3 | 4.3 | .2 | | | | | | | | | | | | | | | | 40 | 40 | 41 | 23 | | | | | | | | | | | |
| -4/ -5 | 4.3 | | | | | | | | | | | | | | | | | 38 | 38 | 38 | 36 | | | | | | | | | | | |
| -6/ -7 | 4.6 | | | | | | | | | | | | | | | | | 41 | 41 | 41 | 37 | | | | | | | | | | | |
| -8/ -9 | 3.1 | | | | | | | | | | | | | | | | | 28 | 28 | 28 | 34 | | | | | | | | | | | |
| -10/-11 | 2.7 | .2 | | | | | | | | | | | | | | | | 26 | 26 | 24 | 40 | | | | | | | | | | | |
| -12/-13 | 2.6 | .1 | | | | | | | | | | | | | | | | 24 | 24 | 26 | 31 | | | | | | | | | | | |
| -14/-15 | 1.9 | | | | | | | | | | | | | | | | | 17 | 17 | 17 | 19 | | | | | | | | | | | |
| -16/-17 | 1.8 | | | | | | | | | | | | | | | | | 16 | 16 | 16 | 21 | | | | | | | | | | | |
| -18/-19 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 15 | | | | | | | | | | | |
| -20/-21 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 20 | | | | | | | | | | | |
| -22/-23 | 1.1 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 9 | | | | | | | | | | | |
| -24/-25 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

| | |
|---------|-------------------------------|
| 25218 | FORT NELSON BC/MUSKWA DUT APT |
| STATION | STATION NAME |

57-66

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MCM

PAGE 2 0300-0500

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-------|-------|-------|-------|--------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|------|-----------|----------|----------|-----------|-------|--|-------|--|--|--|
| | 0 | 1 - 2 | 3 - 4 | 5 - 6 | 7 - 8 | 9 - 10 | 11 - 12 | 13 - 14 | 15 - 16 | 17 - 18 | 19 - 20 | 21 - 22 | 23 - 24 | 25 - 26 | 27 - 28 | 29 - 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | |
| -26/-27 | .0 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 7 | | | | | | |
| -28/-29 | .0 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 4 | | | | | | |
| -30/-31 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 11 | | | | | | |
| -32/-33 | .7 | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 7 | | | | | | |
| -34/-35 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 5 | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 2 | | 4 | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 4 | | 3 | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | |
| TOTAL | 4.0 | 13.6 | 1.7 | | .4 | .2 | | | | | | | | | | | | 894 | 900 | 894 | 894 | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | Total |
| Rel. Hum. | 6684804 | 77066 | 86.2 | 6.812 | 894 | | | | | | | |
| Dry Bulb | 230822 | 4576 | 5.1 | 15.193 | 900 | 32.2 | 87.6 | | | | | 90 |
| Wet Bulb | 210507 | 4575 | 5.1 | 14.475 | 894 | 31.8 | 86.3 | | | | | 90 |
| Dew Point | 204033 | 1787 | 2.0 | 14.983 | 894 | 38.6 | 89.9 | | | | | 90 |

USAFETAC FORM 0-26.5 (OL A) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

25218 FORT NELSON BC/MUSKWA DIST APT

57-66

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PAGE 2 0600-0800

HOURS () S. T.

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-------|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| -28/-29 | .4 | | | | | | | | | | | | | | | | | 5 | 3 | 5 | 3 | | | | |
| -30/-31 | .7 | | | | | | | | | | | | | | | | | 4 | 6 | 6 | 5 | | | | |
| -32/-33 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 7 | | | | |
| -34/-35 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 4 | | 5 | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 4 | | 4 | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 2 | | 1 | | | | |
| TOTAL | 6.6 | 11.7 | 1.7 | | | | | | | | | | | | | | | 890 | 900 | 890 | 890 | | | | |
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2

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/AC

PSYCHROMETRIC SUMMARY

2521R FORT NELSON BC/MUSKWA DUT ART

57-66

NOV

STATION NAME

YEARS

MONTH

PAGE 2 1200-1400

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | TOTAL | |
|--------------|-------------------------------------|-----|-----|-------|-----|------|------------|-------|-------|----------------|-------|-------|----------|-------|-------|------------------------------------|------|----------|----------|-----------|----|--------|--|--|--------|--|--|--------|--|--|-------|--|-----|--------------------|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -14/-15 | 1.3 | .2 | | | | | | | | | | | | | | | | 14 | 14 | 12 | 18 | | | | | | | | | | | | | | | |
| -16/-17 | 1.0 | | | | | | | | | | | | | | | | | 9 | 9 | 11 | 13 | | | | | | | | | | | | | | | |
| -18/-19 | .3 | .1 | | | | | | | | | | | | | | | | 4 | 4 | 3 | 12 | | | | | | | | | | | | | | | |
| -20/-21 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 8 | 11 | | | | | | | | | | | | | | | |
| -22/-23 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 8 | | | | | | | | | | | | | | | |
| -24/-25 | .4 | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 3 | | | | | | | | | | | | | | | |
| -26/-27 | .2 | .1 | | | | | | | | | | | | | | | | 3 | 3 | 3 | 5 | | | | | | | | | | | | | | | |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 | | | | | | | | | | | | | | | |
| -30/-31 | .2 | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 7 | | | | | | | | | | | | | | | |
| -32/-33 | .1 | | | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | | | |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL | 4.7 | 3.9 | 4.2 | 1.4 | 1.2 | .8 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | 900 | 900 | 900 | |
| Element (X) | Σ x ² | | | Σ x | | | x̄ | | | s ² | | | No. Obs. | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | |
| Rel. Hum. | 5877868 | | | 72154 | | | 80.210.182 | | | 900 | | | ≤ 0 F | | | ≤ 32 F | | | ≥ 67 F | | | ≥ 73 F | | | ≥ 80 F | | | ≥ 93 F | | | Total | | | | | |
| Dry Bulb | 306845 | | | 9829 | | | 10.914.897 | | | 900 | | | 21.9 | | | 83.5 | | | | | | | | | | | | | | | 90 | | | | | |
| Wet Bulb | 261890 | | | 9044 | | | 10.013.792 | | | 900 | | | 22.0 | | | 85.8 | | | | | | | | | | | | | | | 90 | | | | | |
| Dew Point | 201362 | | | 5134 | | | 5.713.833 | | | 900 | | | 31.3 | | | 88.9 | | | | | | | | | | | | | | | 90 | | | | | |

USAFETAC FORM 0-26-5 (OL A) JUL 64 REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

40V

STATION NAME

PAGE 1 1500-1700

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USAFETAC FORM 0-26.5 (OL A) REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
USAF ETAC
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25218 FORT NELSON BC/MUSKWA DLT APT
STATION NAME

57-66

NGV

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YEARS

PAGE 2 1500-1700

1000

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|----|----|-----|----|----|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | |
| -16/-17 | 1.0 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 6 |
| -18/-19 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 9 |
| -20/-21 | .7 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 6 | 6 | 6 | 13 |
| -22/-23 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 5 |
| -24/-25 | .8 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 7 |
| -26/-27 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 4 | 4 | 4 | 4 |
| -28/-29 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 10 |
| -30/-31 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 |
| -32/-33 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 4 |
| -34/-35 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 |
| TOTAL | 6.3 | 7.6 | 3.2 | .8 | .8 | 1.0 | .2 | .1 | | | | | | | | | | | | | | | | | | | | | | | | | | 900 | 900 | 900 | 900 |

| Element (X) | $\Sigma X'$ | ΣX | \bar{X} | σ_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|------------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≤ 67 F | ≤ 73 F | ≤ 80 F | ≤ 93 F | |
| Rel. Hum. | 6178938 | 74080 | 82.3 | 9.511 | 900 | | | | | | | |
| Dry Bulb | 291741 | 9375 | 10.4 | 14.693 | 900 | 22.0 | 84.8 | | | | | 90 |
| Wet Bulb | 257047 | 8771 | 9.7 | 13.815 | 900 | 22.1 | 87.3 | | | | | 90 |
| Dew Point | 207401 | 5243 | 5.8 | 14.026 | 900 | 30.6 | 89.1 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/4AC

YEARS

57-6c

2.13V

MONTH

PAGE 1 1800-2000

HOURS 5-7

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | Dew Point |
|--------------|-------------------------------------|-----|-----|----------------|----------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|------------------------------------|----------|----------|--------|--------|--------|-------|--|--|--|-------|--|-------|--|-----------|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | | | | | | | | | | | | |
| 44/ 43 | | | | .3 | | .1 | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | |
| 42/ 41 | | | | | .4 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | |
| 40/ 39 | | .2 | | .1 | .1 | | | | | | | | | | | | | 4 | 4 | | | | | | | | | | | | | |
| 38/ 37 | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 3 | | | | | | | | | | | | |
| 36/ 35 | | .7 | .4 | .3 | | | | | | | | | | | | | | 13 | 13 | 5 | 3 | | | | | | | | | | | |
| 34/ 33 | | 1.0 | .2 | | | | | | | | | | | | | | | 11 | 11 | 12 | 2 | | | | | | | | | | | |
| 32/ 31 | .1 | .7 | .1 | | | | | | | | | | | | | | | 8 | 8 | 16 | 9 | | | | | | | | | | | |
| 30/ 29 | .2 | .4 | .2 | | | | | | | | | | | | | | | 9 | 9 | 10 | 6 | | | | | | | | | | | |
| 28/ 27 | .8 | .7 | .2 | | | | | | | | | | | | | | | 15 | 15 | 13 | 13 | | | | | | | | | | | |
| 26/ 25 | 1.1 | 2.0 | .1 | | | | | | | | | | | | | | | 29 | 29 | 21 | 23 | | | | | | | | | | | |
| 24/ 23 | 1.6 | 2.7 | .3 | | | | | | | | | | | | | | | 41 | 41 | 43 | 17 | | | | | | | | | | | |
| 22/ 21 | 2.3 | 2.0 | | | | | | | | | | | | | | | | 39 | 39 | 40 | 32 | | | | | | | | | | | |
| 20/ 19 | 2.9 | 1.7 | | | | | | | | | | | | | | | | 41 | 41 | 47 | 37 | | | | | | | | | | | |
| 18/ 17 | 4.2 | 1.7 | | | | | | | | | | | | | | | | 53 | 53 | 54 | 45 | | | | | | | | | | | |
| 16/ 15 | 2.6 | .6 | | | | | | | | | | | | | | | | 28 | 28 | 33 | 60 | | | | | | | | | | | |
| 14/ 13 | 3.0 | 1.0 | | | | | | | | | | | | | | | | 36 | 36 | 35 | 38 | | | | | | | | | | | |
| 12/ 11 | 4.7 | .8 | | | | | | | | | | | | | | | | 49 | 49 | 50 | 33 | | | | | | | | | | | |
| 10/ 9 | 7.2 | .3 | | | | | | | | | | | | | | | | 68 | 68 | 67 | 40 | | | | | | | | | | | |
| 8/ 7 | 3.8 | .3 | | | | | | | | | | | | | | | | 55 | 55 | 58 | 66 | | | | | | | | | | | |
| 6/ 5 | 3.9 | | | | | | | | | | | | | | | | | 35 | 35 | 35 | 63 | | | | | | | | | | | |
| 4/ 3 | 3.3 | .1 | | | | | | | | | | | | | | | | 31 | 31 | 31 | 39 | | | | | | | | | | | |
| 2/ 1 | 4.7 | | | | | | | | | | | | | | | | | 42 | 42 | 42 | 28 | | | | | | | | | | | |
| 0/ -1 | 4.7 | | | | | | | | | | | | | | | | | 42 | 42 | 47 | 38 | | | | | | | | | | | |
| -2/ -3 | 4.6 | | | | | | | | | | | | | | | | | 41 | 41 | 41 | 32 | | | | | | | | | | | |
| -4/ -5 | 3.7 | .1 | | | | | | | | | | | | | | | | 34 | 34 | 33 | 55 | | | | | | | | | | | |
| -6/ -7 | 2.7 | | | | | | | | | | | | | | | | | 24 | 24 | 25 | 35 | | | | | | | | | | | |
| -8/ -9 | 3.9 | .1 | | | | | | | | | | | | | | | | 36 | 36 | 36 | 21 | | | | | | | | | | | |
| -10/-11 | 2.8 | | | | | | | | | | | | | | | | | 25 | 25 | 25 | 26 | | | | | | | | | | | |
| -12/-13 | 1.0 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 31 | | | | | | | | | | | |
| -14/-15 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 26 | | | | | | | | | | | |
| -16/-17 | .4 | .1 | | | | | | | | | | | | | | | | 5 | 5 | 4 | 9 | | | | | | | | | | | |
| -18/-19 | .8 | | | | | | | | | | | | | | | | | 7 | 7 | 8 | 6 | | | | | | | | | | | |
| -20/-21 | 1.1 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 3 | | | | | | | | | | | |
| -22/-23 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 4 | | | | | | | | | | | |
| Element (X) | Σ X' | Σ X | Σ | σ _x | No. Obs. | | | | | | | | | | | | | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | |
| Rel. Hum. | | | | | | | | | | | | | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26.5 (OL A)
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE
III A4

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

YEARS

57-66

NGV

MONTH

PAGE 2 1800-2000

HOURS (L - S - T)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|----|------|-----------|----------|----------|-----------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29 | 30 | ≥ 31 | D.B./W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| -24/-25 | .8 | | | | | | | | | | | | | | | | | | 7 | 7 | 7 | 11 | | | | |
| -26/-27 | 1.1 | | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 9 | | | | |
| -28/-29 | 1.0 | | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 7 | | | | |
| -30/-31 | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 8 | | | | |
| -32/-33 | .3 | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 10 | | | | |
| -34/-35 | .1 | | | | | | | | | | | | | | | | | | 1 | 1 | 1 | 5 | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| TOTAL | 79.4 | 17.3 | 1.8 | .8 | .6 | .1 | | | | | | | | | | | | | 900 | 900 | 900 | 900 | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| | | | | | | ≤ 0 F | ≤ 32 F | ≥ 67 F | ≥ 73 F | ≥ 80 F | ≥ 93 F | |
| Rel. Hum. | 6570672 | 76602 | 85.1 | 7.519 | 900 | | | | | | | 90 |
| Dry Bulb | 249072 | 6760 | 7.5 | 14.852 | 900 | 28.3 | 86.2 | | | | | 90 |
| Wet Bulb | 230919 | 6427 | 7.1 | 14.346 | 900 | 28.3 | 87.8 | | | | | 90 |
| Dew Point | 210341 | 3449 | 3.8 | 14.808 | 900 | 34.6 | 89.5 | | | | | 90 |

DATA PROCESSING DIVISION
USAF ETAC
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PSYCHROMETRIC SUMMARY

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PAGE 1 2100-2300

hours ... 5:1

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DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | | | | |
|--------------|-------------------------------------|------|-----|---|---|----|----|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------|-----------|----------|----------|-----------|-----|--|--|--|
| | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | |
| -26/-27 | .9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 6 | | | |
| -28/-29 | 1.1 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 8 | | | | |
| -30/-31 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 13 | | | | |
| -32/-33 | .2 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | 2 | 2 | 4 | | | | |
| -34/-35 | .3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 5 | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 1 | | 4 | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 3 | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | 2 | | | | |
| TOTAL | 3.3 | 14.3 | 1.2 | | | .6 | .6 | | | | | | | | | | | | | | | | | | | | | | | | | | | 899 | 900 | 899 | 899 | | | |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/ETAC

PSYCHROMETRIC SUMMARY

25215 FORT NELSON BC/HUSKWA DCT APT
STATION NAME

57-66

DEC
MONTH

PAGE 1 0000-0200

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25216 FORT NELSON PC/MUSKWA DIT APT
STATION STATION NAME

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PAGE 2 0300-0900
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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -2/-29 | 2.0 | | | | | | | | | | | | | | | | | 18 | 18 | 18 | 15 | | | | | | | | | | | | | | |
| -30/-31 | 1.9 | .1 | | | | | | | | | | | | | | | | 18 | 18 | 18 | 16 | | | | | | | | | | | | | | |
| -32/-33 | 1.7 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 21 | | | | | | | | | | | | | | |
| -34/-35 | .9 | | | | | | | | | | | | | | | | | 8 | 10 | 8 | 9 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | 3 | 3 | | 24 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | 13 | | | 9 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | 5 | | | 3 | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | 1 | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 94.2 | 4.8 | 1.0 | | | | | | | | | | | | | | | 903 | 930 | 903 | 903 | | | | | | | | | | | | | | |

| Element (X) | $\Sigma x'$ | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|-------------|------------|-----------|--------|----------|------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|-------|
| | | | | | | $\leq 0^\circ \text{F}$ | $\leq 32^\circ \text{F}$ | $\leq 67^\circ \text{F}$ | $\leq 73^\circ \text{F}$ | $\leq 80^\circ \text{F}$ | $\leq 93^\circ \text{F}$ | |
| Rel. Hum. | 6267642 | 75024 | 83.1 | 6.177 | 903 | | | | | | | |
| Dry Bulb | 231294 | -5224 | -5.6 | 14.744 | 903 | 60.9 | 92.3 | | | | | 93 |
| Wet Bulb | 192110 | -4354 | -4.8 | 13.773 | 903 | 59.9 | 92.6 | | | | | 93 |
| Dew Point | 256924 | -7798 | -8.6 | 14.698 | 903 | 65.7 | 92.9 | | | | | 93 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25213 FORT NELSON BC/MUSKWA DUT APT
STATION STATION NAME

57-66

DEC

PAGE 2 0600-0800
HOURS: 11:30 - 1:00

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|-----|--|-----|--|--|--|--|--|--|--|-------|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| -28/-29 | 1.4 | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 23 | | | | | | | | | | | | | | | |
| -30/-31 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 16 | | | | | | | | | | | | | | | |
| -32/-33 | 1.8 | | | | | | | | | | | | | | | | | 16 | 16 | 16 | 20 | | | | | | | | | | | | | | | |
| -34/-35 | 1.4 | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 14 | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 10 | | 13 | | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 8 | | 10 | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 7 | | 9 | | | | | | | | | | | | | | | |
| TOTAL | 4.1 | 5.1 | .3 | .4 | | | | | | | | | | | | | | | 930 | 930 | 900 | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | 900 | | 900 | | | | | | | | | | | | |
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PSYCHROMETRIC SUMMARY

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| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|------|------|----------|----------|-----------|-----|--|--|--|--|--|--|--|--|-------|--|--|-------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. | W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | |
| -30/-31 | 2.2 | | | | | | | | | | | | | | | | | | | 20 | 20 | 20 | 23 | | | | | | | | | | | | | | |
| -32/-33 | 1.4 | | | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 20 | | | | | | | | | | | | | | |
| -34/-35 | 1.1 | | | | | | | | | | | | | | | | | | | 10 | 11 | 10 | 22 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 9 | | 11 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 8 | | 7 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 1 | | 4 | | | | | | | | | | | | | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | | | | |
| -46/-47 | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | |
| TOTAL | 23.8 | 5.7 | .2 | .2 | | | | | | | | | | | | | | | | | 910 | 930 | 910 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s_x | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|
| Rel. Hum. | 6188635 | 74783 | 82.2 | 6.881 | 910 | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | 93 |
| Dry Bulb | 211960 | -4946 | -5.3 | 14.137 | 930 | 59.1 | 92.6 | | | | | 93 |
| Wet Bulb | 181509 | -4271 | -4.7 | 13.328 | 910 | 58.6 | 92.9 | | | | | 93 |
| Dew Point | 251941 | -7939 | -8.7 | 14.176 | 910 | 65.4 | 93.0 | | | | | 93 |

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YEARS

37-66

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HOURS 11:55-1:00

| Temp.
(F) | | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL
D.B. W.B. | | TOTAL
Dry Bulb Wet Bulb Dew Point | |
|--------------|--------------|-------------------------------------|-----------|-------|----------|------------------------------------|--------|--------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-----|----|----|----|----|--|--|--|--|--|--|--|--|--|--------------------|--|--------------------------------------|--|
| | F | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | >31 | | | | | | | | | | | | | | | | | |
| 40/ 39 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 38/ 37 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | | | | | | | | | | | | | | | |
| 36/ 35 | | | | .1 | | | | | | | | | | | | | | | 1 | 1 | 1 | | | | | | | | | | | | | | |
| 34/ 33 | | | .1 | .1 | | | | | | | | | | | | | | | 2 | 2 | 1 | | | | | | | | | | | | | | |
| 32/ 31 | | | .1 | | | | | | | | | | | | | | | | 1 | 1 | 2 | | | | | | | | | | | | | | |
| 30/ 29 | | | | | | | | | | | | | | | | | | | | | 2 | 3 | | | | | | | | | | | | | |
| 28/ 27 | | | .2 | | | | | | | | | | | | | | | | 2 | 2 | | 1 | | | | | | | | | | | | | |
| 26/ 25 | .2 | .3 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 1 | | | | | | | | | | | | | |
| 24/ 23 | .8 | .4 | .2 | | | | | | | | | | | | | | | | 13 | 13 | 13 | 7 | | | | | | | | | | | | | |
| 22/ 21 | .1 | .8 | | | | | | | | | | | | | | | | | 8 | 8 | 3 | 12 | | | | | | | | | | | | | |
| 20/ 19 | .8 | .9 | | | | | | | | | | | | | | | | | 15 | 15 | 16 | 1 | | | | | | | | | | | | | |
| 18/ 17 | .8 | 1.0 | | | | | | | | | | | | | | | | | 16 | 16 | 17 | 11 | | | | | | | | | | | | | |
| 16/ 15 | 2.2 | .6 | | | | | | | | | | | | | | | | | 26 | 26 | 27 | 12 | | | | | | | | | | | | | |
| 14/ 13 | 2.4 | 1.0 | | | | | | | | | | | | | | | | | 31 | 31 | 28 | 28 | | | | | | | | | | | | | |
| 12/ 11 | 3.2 | 1.1 | | | | | | | | | | | | | | | | | 40 | 40 | 43 | 19 | | | | | | | | | | | | | |
| 10/ 9 | 4.8 | .8 | | | | | | | | | | | | | | | | | 51 | 51 | 51 | 29 | | | | | | | | | | | | | |
| 8/ 7 | 4.2 | .3 | | | | | | | | | | | | | | | | | 42 | 42 | 46 | 49 | | | | | | | | | | | | | |
| 6/ 5 | 5.3 | .8 | | | | | | | | | | | | | | | | | 56 | 56 | 55 | 55 | | | | | | | | | | | | | |
| 4/ 3 | 4.8 | .4 | | | | | | | | | | | | | | | | | 48 | 48 | 46 | 33 | | | | | | | | | | | | | |
| 2/ 1 | 7.6 | 1.2 | | | | | | | | | | | | | | | | | 81 | 81 | 78 | 61 | | | | | | | | | | | | | |
| 0/ -1 | 4.0 | .3 | | | | | | | | | | | | | | | | | 40 | 40 | 45 | 52 | | | | | | | | | | | | | |
| -2/ -3 | 4.4 | .2 | | | | | | | | | | | | | | | | | 43 | 43 | 44 | 31 | | | | | | | | | | | | | |
| -4/ -5 | 5.6 | .8 | | | | | | | | | | | | | | | | | 59 | 59 | 56 | 51 | | | | | | | | | | | | | |
| -6/ -7 | 3.9 | .3 | | | | | | | | | | | | | | | | | 39 | 39 | 40 | 45 | | | | | | | | | | | | | |
| -8/ -9 | 3.8 | .1 | | | | | | | | | | | | | | | | | 36 | 36 | 38 | 37 | | | | | | | | | | | | | |
| -10/-11 | 4.9 | | | | | | | | | | | | | | | | | | 45 | 45 | 45 | 47 | | | | | | | | | | | | | |
| -12/-13 | 2.9 | .2 | | | | | | | | | | | | | | | | | 29 | 29 | 27 | 38 | | | | | | | | | | | | | |
| -14/-15 | 3.2 | | | | | | | | | | | | | | | | | | 30 | 30 | 32 | 38 | | | | | | | | | | | | | |
| -16/-17 | 3.6 | | | | | | | | | | | | | | | | | | 33 | 33 | 33 | 34 | | | | | | | | | | | | | |
| -18/-19 | 2.1 | | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 37 | | | | | | | | | | | | | |
| -20/-21 | 3.0 | | | | | | | | | | | | | | | | | | 28 | 28 | 23 | 32 | | | | | | | | | | | | | |
| -22/-23 | 1.8 | .1 | | | | | | | | | | | | | | | | | 18 | 18 | 17 | 20 | | | | | | | | | | | | | |
| -24/-25 | 2.6 | | | | | | | | | | | | | | | | | | 24 | 24 | 25 | 17 | | | | | | | | | | | | | |
| -26/-27 | 1.4 | .1 | | | | | | | | | | | | | | | | | 14 | 14 | 14 | 18 | | | | | | | | | | | | | |
| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total | | | | | | | | | | | | | | | | | | | | | | | |
| Rel. Hum. | | | | | | < 0 F | < 32 F | < 67 F | < 73 F | < 80 F | < 93 F | | | | | | | | | | | | | | | | | | | | | | | | |
| Dry Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Wet Bulb | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Dew Point | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

USAFETAC FORM 0-26-5 (OL A)
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REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

25218 FORT NELSON EC/MUSKWA DUT APT

57-66

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PAGE 2 1200-1400

HOURS: 00-59.99

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | |
|--------------|-------------------------------------|------|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | > 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | |
| -28/-29 | .5 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 25 | | | | | | | | | | | | | | |
| -30/-31 | 1.4 | | | | | | | | | | | | | | | | | 13 | 13 | 13 | 22 | | | | | | | | | | | | | | |
| -32/-33 | .9 | | | | | | | | | | | | | | | | | 8 | 9 | 8 | 11 | | | | | | | | | | | | | | |
| -34/-35 | .2 | | | | | | | | | | | | | | | | | 2 | 6 | 2 | 9 | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 13 | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | 2 | | | | | | | | | | | | | | |
| TOTAL | 47.2 | 12.1 | .4 | | | | | | | | | | | | | | | 925 | 930 | 925 | 925 | | | | | | | | | | | | | | |

| Element (X) | Σx^2 | Σx | \bar{x} | s^2 | No. Obs. | Mean No. of Hours with Temperature | | | | | | Total |
|-------------|--------------|------------|-----------|--------|----------|------------------------------------|-------------|-------------|-------------|-------------|-------------|-------|
| Rel. Hum. | 6163852 | 75242 | 81.3 | 6.859 | 925 | $\leq 0 F$ | $\leq 32 F$ | $\geq 67 F$ | $\geq 73 F$ | $\geq 80 F$ | $\geq 93 F$ | Total |
| Dry Bulb | 173898 | -1946 | -2.1 | 13.521 | 930 | 49.0 | 92.5 | | | | | 93 |
| Wet Bulb | 164469 | -1917 | -2.1 | 13.179 | 925 | 49.4 | 92.8 | | | | | 93 |
| Dew Point | 718574 | -5812 | -6.3 | 14.037 | 925 | 60.6 | 93.0 | | | | | 93 |

USAFETAC FORM 0-26.5 (O.L.A.) JUL 64
REVISED PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE

DATA PROCESSING DIVISION
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PSYCHROMETRIC SUMMARY

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AIR WEATHER SERVICE/MAC

PSYCHROMETRIC SUMMARY

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STATION NAME

YEARS

MONTH

PAGE 2 1500-1700

1500-1700

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | TOTAL | | TOTAL | | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-----|-----------|----------|----------|-----------|--|--|--|--|--|--|--|--|--|--|-------|--|-------|--|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | +31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | | | | | | | | | | | | | | | |
| -28/-29 | 2.1 | | | | | | | | | | | | | | | | | 19 | 19 | 19 | 24 | | | | | | | | | | | | | | | | |
| -30/-31 | 1.1 | | | | | | | | | | | | | | | | | 10 | 10 | 10 | 21 | | | | | | | | | | | | | | | | |
| -32/-33 | .9 | | | | | | | | | | | | | | | | | 5 | 5 | 5 | 18 | | | | | | | | | | | | | | | | |
| -34/-35 | .3 | | | | | | | | | | | | | | | | | 3 | 3 | 3 | 14 | | | | | | | | | | | | | | | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | | | 8 | | | | | | | | | | | | | | | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 1 | | 3 | | | | | | | | | | | | | | | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 1 | | 2 | | | | | | | | | | | | | | | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | |
| TOTAL | 90.1 | 9.0 | .8 | .4 | | | | | | | | | | | | | | 926 | | 926 | 926 | | | | | | | | | | | | | | | | |

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PAGE 2 2100-2300
HOURS (L. S. T.)

| Temp.
(F) | WET BULB TEMPERATURE DEPRESSION (F) | | | | | | | | | | | | | | | | | | | TOTAL | TOTAL | | |
|--------------|-------------------------------------|-----|-----|-----|-----|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-----------|----------|----------|-----------|--|--|
| | 0 | 1-2 | 3-4 | 5-6 | 7-8 | 9-10 | 11-12 | 13-14 | 15-16 | 17-18 | 19-20 | 21-22 | 23-24 | 25-26 | 27-28 | 29-30 | ≥ 31 | D.B. W.B. | Dry Bulb | Wet Bulb | Dew Point | | |
| -28/-29 | .9 | | | | | | | | | | | | | | | | | 8 | 8 | 8 | 12 | | |
| -30/-31 | 1.7 | | | | | | | | | | | | | | | | | 15 | 15 | 15 | 24 | | |
| -32/-33 | 1.2 | | | | | | | | | | | | | | | | | 11 | 11 | 11 | 16 | | |
| -34/-35 | 1.0 | | | | | | | | | | | | | | | | | 9 | 9 | 9 | 14 | | |
| -36/-37 | | | | | | | | | | | | | | | | | | | 12 | | 13 | | |
| -38/-39 | | | | | | | | | | | | | | | | | | | 4 | | 4 | | |
| -40/-41 | | | | | | | | | | | | | | | | | | | 4 | | 4 | | |
| -42/-43 | | | | | | | | | | | | | | | | | | | 2 | | 5 | | |
| -44/-45 | | | | | | | | | | | | | | | | | | | | | 1 | | |
| TOTAL | 94.8 | 4.2 | .0 | .4 | | | | | | | | | | | | | | 905 | 930 | 905 | 905 | | |
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DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DRY-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25210 FORT NELSON BC/MUSKWA DUT APT 57-66

| STATION | | STATION NAME | | | | | | | | | | | | YEARS | | | | | | | | | | | | | |
|-------------|------------|--------------|--|--------|--|--------|--|--------|--|--------|--|-------|--|-------|--|-------|--|-------|--|--------|--|--------|--|--------|--|--------|--|
| HRS. L.S.T. | | JAN | | FEB | | MAR | | APR | | MAY | | JUN | | JUL | | AUG | | SEP | | OCT | | NOV | | DEC | | ANNUAL | |
| 00-02 | MEAN | -11.5 | | -1.5 | | 8.4 | | 29.1 | | 41.5 | | 50.9 | | 55.8 | | 52.4 | | 41.9 | | 29.3 | | 5.9 | | -5.1 | | 24.9 | |
| | S.D. | 15.147 | | 14.508 | | 14.658 | | 9.205 | | 8.759 | | 6.379 | | 4.951 | | 6.080 | | 6.998 | | 9.627 | | 15.240 | | 14.665 | | 25.913 | |
| | TOTAL OBS. | 930 | | 846 | | 930 | | 900 | | 930 | | 900 | | 930 | | 929 | | 900 | | 930 | | 900 | | 930 | | 10955 | |
| 03-05 | MEAN | -12.0 | | -2.6 | | 5.7 | | 26.4 | | 38.7 | | 48.2 | | 53.2 | | 49.8 | | 39.8 | | 27.7 | | 5.1 | | -5.6 | | 23.0 | |
| | S.D. | 15.245 | | 14.634 | | 15.021 | | 9.304 | | 8.074 | | 6.059 | | 4.701 | | 5.809 | | 6.794 | | 9.543 | | 15.195 | | 14.744 | | 25.267 | |
| | TOTAL OBS. | 930 | | 846 | | 930 | | 900 | | 929 | | 900 | | 930 | | 930 | | 900 | | 930 | | 900 | | 930 | | 10955 | |
| 06-08 | MEAN | -12.3 | | -3.7 | | 4.8 | | 28.1 | | 42.9 | | 53.0 | | 57.6 | | 52.0 | | 40.1 | | 27.1 | | 4.2 | | -6.1 | | 24.1 | |
| | S.D. | 15.539 | | 14.438 | | 15.367 | | 10.026 | | 8.943 | | 6.228 | | 5.276 | | 6.325 | | 6.813 | | 9.684 | | 15.143 | | 14.573 | | 26.932 | |
| | TOTAL OBS. | 930 | | 846 | | 930 | | 900 | | 930 | | 900 | | 930 | | 930 | | 900 | | 930 | | 900 | | 930 | | 10956 | |
| 09-11 | MEAN | -10.9 | | -2.8 | | 11.9 | | 35.7 | | 50.6 | | 60.5 | | 65.5 | | 60.4 | | 47.5 | | 32.1 | | 6.2 | | -5.3 | | 29.6 | |
| | S.D. | 15.179 | | 13.565 | | 14.970 | | 11.039 | | 10.837 | | 7.570 | | 6.669 | | 7.815 | | 8.136 | | 10.507 | | 15.059 | | 14.137 | | 29.296 | |
| | TOTAL OBS. | 930 | | 846 | | 930 | | 900 | | 930 | | 900 | | 930 | | 930 | | 900 | | 930 | | 900 | | 930 | | 10956 | |
| 12-14 | MEAN | -6.2 | | 8.0 | | 20.0 | | 41.4 | | 55.2 | | 65.0 | | 70.2 | | 66.5 | | 54.6 | | 39.2 | | 10.9 | | -2.1 | | 35.2 | |
| | S.D. | 14.164 | | 13.847 | | 15.340 | | 11.493 | | 11.613 | | 8.402 | | 7.660 | | 8.819 | | 9.095 | | 11.851 | | 14.897 | | 13.521 | | 29.512 | |
| | TOTAL OBS. | 930 | | 846 | | 930 | | 900 | | 930 | | 899 | | 930 | | 930 | | 900 | | 930 | | 900 | | 930 | | 10955 | |
| 15-17 | MEAN | -5.9 | | 7.4 | | 22.0 | | 43.0 | | 56.6 | | 65.9 | | 71.2 | | 67.6 | | 56.1 | | 39.7 | | 10.4 | | -2.4 | | 36.1 | |
| | S.D. | 14.272 | | 14.106 | | 15.259 | | 11.394 | | 11.659 | | 8.716 | | 8.105 | | 9.133 | | 9.492 | | 11.889 | | 14.693 | | 13.839 | | 29.860 | |
| | TOTAL OBS. | 930 | | 846 | | 930 | | 900 | | 930 | | 897 | | 930 | | 930 | | 900 | | 930 | | 900 | | 930 | | 10953 | |
| 18-20 | MEAN | -8.9 | | 2.7 | | 17.0 | | 39.3 | | 54.0 | | 63.3 | | 68.0 | | 63.3 | | 49.8 | | 33.9 | | 7.5 | | -4.1 | | 32.3 | |
| | S.D. | 14.770 | | 13.961 | | 14.461 | | 10.795 | | 11.215 | | 8.360 | | 7.485 | | 8.550 | | 8.259 | | 10.254 | | 14.852 | | 14.336 | | 29.507 | |
| | TOTAL OBS. | 930 | | 846 | | 930 | | 900 | | 930 | | 898 | | 930 | | 930 | | 900 | | 930 | | 900 | | 930 | | 10954 | |
| 21-23 | MEAN | -10.4 | | .7 | | 12.2 | | 33.1 | | 46.9 | | 56.5 | | 60.8 | | 56.2 | | 44.6 | | 30.8 | | 6.2 | | -4.6 | | 27.9 | |
| | S.D. | 14.649 | | 14.678 | | 14.445 | | 9.568 | | 9.765 | | 6.813 | | 5.787 | | 6.541 | | 7.312 | | 9.636 | | 14.999 | | 14.612 | | 27.230 | |
| | TOTAL OBS. | 930 | | 846 | | 930 | | 900 | | 930 | | 900 | | 930 | | 930 | | 900 | | 930 | | 900 | | 930 | | 10956 | |
| ALL HOURS | MEAN | -9.8 | | 1.0 | | 12.8 | | 34.5 | | 48.3 | | 57.9 | | 62.8 | | 58.5 | | 46.8 | | 32.5 | | 7.1 | | -4.4 | | 29.1 | |
| | S.D. | 15.055 | | 14.708 | | 16.108 | | 11.971 | | 12.016 | | 9.709 | | 9.104 | | 9.884 | | 9.886 | | 11.347 | | 15.173 | | 14.368 | | 28.385 | |
| | TOTAL OBS. | 7440 | | 6768 | | 7440 | | 7200 | | 7439 | | 7194 | | 7440 | | 7439 | | 7200 | | 7440 | | 7200 | | 7440 | | 87640 | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

WET-BULB TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25218 FLINT NELSON HC/MUSKWA DNT APT 57-66

| STATION | STATION NAME | YEARS | | | | | | | | | | | | | |
|-----------|--------------|--------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--|
| HRS. LST | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL | |
| 00-02 | MEAN | -9.2 | -1.7 | 7.7 | 26.5 | 37.5 | 47.2 | 52.4 | 49.9 | 40.2 | 27.9 | 5.9 | -4.3 | 23.8 | |
| | S.D. | 13.300 | 13.898 | 13.787 | 7.883 | 6.969 | 5.213 | 3.925 | 5.171 | 6.261 | 8.574 | 14.482 | 13.669 | 23.837 | |
| | TOTAL OBS | 858 | 843 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 894 | 901 | 10845 | |
| 03-05 | MEAN | -9.2 | -2.7 | 5.3 | 24.5 | 35.8 | 45.5 | 50.8 | 48.1 | 38.6 | 26.6 | 5.1 | -4.8 | 22.5 | |
| | S.D. | 13.064 | 13.911 | 14.257 | 8.387 | 6.895 | 5.278 | 4.023 | 5.268 | 6.177 | 8.647 | 14.475 | 13.773 | 23.482 | |
| | TOTAL OBS | 834 | 840 | 927 | 900 | 928 | 900 | 930 | 930 | 899 | 929 | 894 | 903 | 10814 | |
| 06-08 | MEAN | -9.0 | -3.7 | 4.5 | 25.7 | 38.3 | 48.3 | 53.3 | 49.5 | 38.7 | 26.1 | 4.5 | -5.2 | 23.1 | |
| | S.D. | 12.887 | 13.735 | 14.556 | 8.761 | 6.993 | 4.932 | 3.815 | 5.236 | 6.168 | 8.804 | 14.290 | 13.540 | 24.414 | |
| | TOTAL OBS | 828 | 839 | 926 | 900 | 930 | 900 | 930 | 930 | 899 | 929 | 890 | 900 | 10801 | |
| 09-11 | MEAN | -8.6 | -1.0 | 10.5 | 30.8 | 42.2 | 51.5 | 56.5 | 53.6 | 43.3 | 29.7 | 6.1 | -4.7 | 26.3 | |
| | S.D. | 13.060 | 13.019 | 13.517 | 8.509 | 7.176 | 5.075 | 3.938 | 5.126 | 6.173 | 8.660 | 14.156 | 13.328 | 25.132 | |
| | TOTAL OBS | 856 | 843 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 894 | 910 | 10853 | |
| 12-14 | MEAN | -5.6 | 5.2 | 17.2 | 34.2 | 44.1 | 52.8 | 57.9 | 55.8 | 46.9 | 34.3 | 10.0 | -2.1 | 29.4 | |
| | S.D. | 13.311 | 12.890 | 12.904 | 8.144 | 7.006 | 4.960 | 4.054 | 5.180 | 6.056 | 8.679 | 13.792 | 13.179 | 24.333 | |
| | TOTAL OBS | 906 | 846 | 930 | 900 | 930 | 899 | 930 | 930 | 900 | 930 | 900 | 925 | 10926 | |
| 15-17 | MEAN | -5.4 | 6.6 | 18.9 | 35.2 | 44.9 | 53.3 | 58.2 | 56.2 | 47.5 | 34.8 | 9.7 | -2.4 | 30.0 | |
| | S.D. | 13.540 | 13.005 | 12.616 | 7.828 | 6.943 | 4.835 | 3.833 | 5.121 | 6.187 | 8.704 | 13.815 | 13.478 | 24.418 | |
| | TOTAL OBS | 909 | 846 | 930 | 900 | 930 | 897 | 930 | 930 | 900 | 929 | 900 | 926 | 10927 | |
| 18-20 | MEAN | -7.8 | 2.4 | 15.1 | 33.2 | 44.0 | 52.8 | 57.6 | 55.2 | 45.1 | 31.2 | 7.1 | -3.8 | 28.0 | |
| | S.D. | 17.663 | 13.386 | 12.668 | 7.779 | 7.009 | 4.791 | 3.843 | 5.319 | 6.364 | 8.416 | 14.348 | 13.705 | 25.055 | |
| | TOTAL OBS | 888 | 844 | 930 | 900 | 930 | 898 | 930 | 930 | 900 | 930 | 900 | 919 | 10899 | |
| 21-23 | MEAN | -8.7 | .5 | 11.1 | 29.4 | 40.8 | 50.4 | 55.3 | 52.2 | 42.0 | 28.9 | 6.0 | -3.9 | 25.7 | |
| | S.D. | 13.245 | 14.034 | 13.253 | 7.699 | 7.107 | 4.923 | 3.903 | 5.192 | 6.279 | 8.343 | 14.529 | 13.663 | 24.468 | |
| | TOTAL OBS | 873 | 843 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 899 | 905 | 10870 | |
| ALL HOURS | MEAN | -7.9 | .7 | 11.3 | 30.0 | 41.0 | 50.2 | 55.2 | 52.6 | 42.8 | 29.9 | 6.8 | -3.9 | 26.1 | |
| | S.D. | 13.343 | 13.921 | 14.370 | 8.977 | 7.706 | 5.691 | 4.708 | 5.965 | 7.022 | 9.130 | 14.360 | 13.576 | 24.544 | |
| | TOTAL OBS | 6952 | 6744 | 7433 | 7200 | 7438 | 7194 | 7440 | 7439 | 7198 | 7437 | 7171 | 7289 | 86935 | |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

DEW-POINT TEMPERATURES DEG F FROM HOURLY OBSERVATIONS

25218 FORT NELSON BC/MUSKWA DDT APT 57-66

| | | STATION NAME | | | | | | | | | | | | YEARS |
|-----------|------------|--------------|--------|--------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|
| HRS. LST. | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
| 00-02 | MEAN | -13.3 | -5.6 | 3.6 | 21.6 | 32.4 | 43.8 | 49.7 | 47.9 | 38.3 | 25.2 | 2.7 | -8.1 | 20.3 |
| | S.D. | 14.024 | 14.152 | 13.734 | 8.051 | 7.667 | 6.186 | 4.854 | 5.587 | 6.464 | 8.608 | 15.054 | 14.555 | 24.429 |
| | TOTAL OBS. | 858 | 843 | 930 | 900 | 930 | 900 | 930 | 929 | 900 | 930 | 894 | 901 | 10845 |
| 03-05 | MEAN | -13.2 | -6.7 | 1.4 | 20.4 | 31.7 | 42.9 | 48.8 | 46.6 | 37.1 | 24.2 | 2.0 | -8.6 | 19.4 |
| | S.D. | 13.822 | 14.119 | 14.409 | 8.778 | 7.575 | 6.033 | 4.621 | 5.494 | 6.308 | 8.814 | 14.983 | 14.498 | 24.323 |
| | TOTAL OBS. | 834 | 840 | 927 | 900 | 928 | 900 | 930 | 930 | 899 | 929 | 894 | 903 | 10814 |
| 06-08 | MEAN | -13.2 | -7.7 | .4 | 20.9 | 32.7 | 44.1 | 50.1 | 47.4 | 37.1 | 23.6 | 1.4 | -9.0 | 19.3 |
| | S.D. | 13.704 | 14.020 | 14.800 | 8.878 | 7.638 | 6.104 | 4.761 | 5.449 | 6.376 | 8.891 | 14.864 | 14.184 | 24.869 |
| | TOTAL OBS. | 828 | 839 | 926 | 900 | 930 | 900 | 930 | 930 | 899 | 929 | 890 | 900 | 10801 |
| 09-11 | MEAN | -13.1 | -5.4 | 4.9 | 22.7 | 32.5 | 43.9 | 50.2 | 48.6 | 39.1 | 25.8 | 2.5 | -8.7 | 20.7 |
| | S.D. | 14.019 | 13.413 | 13.321 | 8.119 | 8.032 | 7.022 | 5.764 | 5.864 | 6.593 | 8.200 | 14.691 | 14.176 | 24.934 |
| | TOTAL OBS. | 856 | 843 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 894 | 910 | 10853 |
| 12-14 | MEAN | -10.5 | -1.1 | 9.6 | 23.3 | 31.5 | 42.5 | 49.2 | 48.0 | 39.4 | 27.6 | 5.7 | -6.3 | 21.8 |
| | S.D. | 14.333 | 12.874 | 11.989 | 7.480 | 8.201 | 7.567 | 6.525 | 6.532 | 7.193 | 7.748 | 13.835 | 14.037 | 22.905 |
| | TOTAL OBS. | 906 | 846 | 930 | 900 | 930 | 899 | 930 | 930 | 900 | 930 | 900 | 925 | 10926 |
| 15-17 | MEAN | -10.1 | 1.4 | 11.1 | 23.9 | 31.8 | 42.7 | 49.1 | 48.1 | 39.4 | 28.1 | 5.8 | -6.4 | 22.2 |
| | S.D. | 14.437 | 12.938 | 11.408 | 7.313 | 8.400 | 7.669 | 6.253 | 6.474 | 7.384 | 7.958 | 14.026 | 14.277 | 22.752 |
| | TOTAL OBS. | 909 | 846 | 930 | 900 | 930 | 897 | 930 | 930 | 900 | 929 | 900 | 926 | 10927 |
| 18-20 | MEAN | -12.0 | -1.8 | 9.1 | 23.8 | 32.8 | 44.0 | 50.4 | 49.5 | 40.5 | 27.0 | 3.8 | -7.6 | 21.9 |
| | S.D. | 14.327 | 13.700 | 11.976 | 7.383 | 8.522 | 7.291 | 6.012 | 6.388 | 6.960 | 8.153 | 14.808 | 14.449 | 24.043 |
| | TOTAL OBS. | 888 | 844 | 930 | 900 | 930 | 898 | 930 | 930 | 900 | 930 | 900 | 919 | 10899 |
| 21-23 | MEAN | -12.9 | -3.6 | 6.3 | 23.1 | 33.8 | 45.3 | 51.2 | 49.2 | 39.3 | 25.6 | 2.8 | -7.7 | 21.4 |
| | S.D. | 13.907 | 14.307 | 12.968 | 7.639 | 8.089 | 6.448 | 5.239 | 5.938 | 6.585 | 8.279 | 15.027 | 14.494 | 24.560 |
| | TOTAL OBS. | 873 | 843 | 930 | 900 | 930 | 900 | 930 | 930 | 900 | 930 | 899 | 905 | 10870 |
| ALL HOURS | MEAN | -12.3 | -3.7 | 5.8 | 22.5 | 32.4 | 43.7 | 49.9 | 48.1 | 38.8 | 25.9 | 3.4 | -7.8 | 20.9 |
| | S.D. | 14.128 | 14.024 | 13.626 | 8.068 | 8.048 | 6.870 | 5.594 | 6.041 | 6.823 | 8.468 | 14.740 | 14.360 | 24.082 |
| | TOTAL OBS. | 6952 | 6744 | 7433 | 7200 | 7438 | 7194 | 7440 | 7439 | 7198 | 7437 | 7171 | 7289 | 86935 |

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

2

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|-------|-------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| | 00 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 02 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 03 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 04 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 05 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 06 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 07 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 08 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 09 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 10 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 13 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 15 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 16 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 17 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 18 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 19 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 21 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | 24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 1000 |

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RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|-------|-------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| | 01-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 02-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 03-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 04-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 05-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 06-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 07-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 08-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 09-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 10-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 11-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 12-01 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | 12-31 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 3 |
| | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 144 |

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RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

[illegible]

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|-----------|-------------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JANUARY | 1-23 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| FEBRUARY | 1-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| MARCH | 1-31 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| APRIL | 1-30 | 100.0 | 100.0 | 97.5 | 90.0 | 82.0 | 70.0 | 55.0 | 40.0 | 25.0 | 15.0 | 100 |
| MAY | 1-31 | 100.0 | 100.0 | 95.0 | 84.0 | 72.0 | 58.0 | 41.0 | 26.0 | 16.0 | 10.0 | 100 |
| JUNE | 1-30 | 100.0 | 100.0 | 95.0 | 84.0 | 74.0 | 60.0 | 42.0 | 27.0 | 16.0 | 10.0 | 100 |
| JULY | 1-31 | 100.0 | 100.0 | 93.0 | 81.0 | 70.0 | 56.0 | 39.0 | 25.0 | 15.0 | 10.0 | 100 |
| AUGUST | 1-31 | 100.0 | 100.0 | 90.0 | 78.0 | 67.0 | 53.0 | 37.0 | 23.0 | 14.0 | 10.0 | 100 |
| SEPTEMBER | 1-30 | 100.0 | 100.0 | 90.0 | 78.0 | 67.0 | 53.0 | 37.0 | 23.0 | 14.0 | 10.0 | 100 |
| OCTOBER | 1-31 | 100.0 | 100.0 | 90.0 | 78.0 | 67.0 | 53.0 | 37.0 | 23.0 | 14.0 | 10.0 | 100 |
| NOVEMBER | 1-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| DECEMBER | 1-31 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100 |
| TOTALS | | 100.0 | 100.0 | 95.0 | 84.0 | 72.0 | 57.0 | 40.0 | 25.0 | 15.0 | 10.0 | 1000 |

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(LST) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|-------|----------------|--|-------|-------|-------|-------|-------|-------|-------|-------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| | 1-6 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 7-12 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 13-18 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 19-24 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 25-31 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 12-22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 23-3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 4-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 15-25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 26-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 6-16 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 17-27 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 28-7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 8-18 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 19-29 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 30-8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 9-19 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 20-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 31-9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 10-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 21-31 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 1-11 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 12-22 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 23-3 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 4-14 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 15-25 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 26-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 6-16 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 17-27 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 28-7 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 8-18 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 19-29 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 30-8 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 9-19 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 20-30 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 31-9 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 10-20 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | 21-31 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| | TOTALS | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|--------|-------------------|--|-------|-------|-------|-------|------|------|------|------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| Jan. | 100.0 | 100.0 | 100.0 | 100.0 | 97.0 | 92.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 100 |
| Feb. | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 100 |
| Mar. | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 95.0 | 84.0 | 74.0 | 64.0 | 54.0 | 100 |
| April | 100.0 | 100.0 | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 100 |
| May | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 34.0 | 24.0 | 100 |
| June | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 34.0 | 24.0 | 100 |
| July | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 34.0 | 24.0 | 100 |
| Aug. | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 34.0 | 24.0 | 100 |
| Sept. | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 34.0 | 24.0 | 100 |
| Oct. | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 34.0 | 24.0 | 100 |
| Nov. | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 34.0 | 24.0 | 100 |
| Dec. | 100.0 | 100.0 | 99.0 | 94.0 | 84.0 | 74.0 | 64.0 | 54.0 | 44.0 | 34.0 | 24.0 | 100 |
| TOTALS | | 100.0 | 99.0 | 99.0 | 99.0 | 99.0 | 97.0 | 94.0 | 84.0 | 74.0 | 64.0 | 100 |

RELATIVE HUMIDITY

STATION

STATION NAME

PERIOD

MONTH

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE
(FROM HOURLY OBSERVATIONS)

| MONTH | HOURS
(L.S.T.) | PERCENTAGE FREQUENCY OF RELATIVE HUMIDITY GREATER THAN | | | | | | | | | MEAN
RELATIVE
HUMIDITY | TOTAL
NO. OF
OBS. |
|-----------|-------------------|--|--------|--------|--------|--------|-------|-------|-------|-------|------------------------------|-------------------------|
| | | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | | |
| JANUARY | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| FEBRUARY | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| MARCH | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| APRIL | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| MAY | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| JUNE | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| JULY | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| AUGUST | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| SEPTEMBER | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| OCTOBER | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| NOVEMBER | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| DECEMBER | 1-5 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| TOTALS | | 1000.0 | 1000.0 | 1000.0 | 1000.0 | 1000.0 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 | 999.9 |

DATA PROCESSING DIVISION
ETAC/USAF
AIR WEATHER SERVICE (WAC)
ASHEVILLE, NORTH CAROLINA

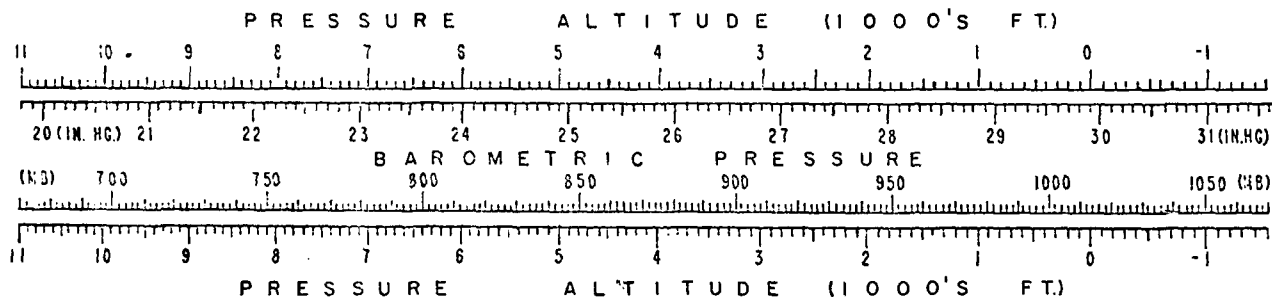
PART F

PRESSURE SUMMARY

Presented in this part are two tables giving the means, standard deviations, and total number of observations of station pressure and sea-level pressure by month and annual for the local hourly observations corresponding to the eight 3-hourly synoptic times GCT. The same computations are also provided at the bottom of the page for all hours combined. All years of data available are combined in both of these tables, although the overall period is limited to January 1946 through December 1963 because of changes in reporting practices before and after those dates.

1. Station pressure in inches of mercury.
2. Sea-level pressure in millibars.

Provided below is a scale to convert station pressure values in inches of mercury or millibars to pressure altitude in 1000's of feet. This scale is an enlarged model of the pressure altitude scale in the Smithsonian Meteorological Tables.



DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

STATION PRESSURE IN INCHES HG FROM HOURLY OBSERVATIONS

25218 FORT NELSON BC/MUSKWA DIT APT 57-66

| STATION | AN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|----------------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|--------|--------|
| 01 | MEAN 28.74028 | 28.66128 | 28.66428 | 28.59228 | 28.60628 | 28.54428 | 28.58128 | 28.57228 | 28.57028 | 28.48228 | 28.57628 | 28.608 | 28.600 |
| | S.D. .334 | .320 | .279 | .274 | .210 | .179 | .154 | .183 | .236 | .304 | .332 | .343 | .277 |
| | TOTAL OBS 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 04 | MEAN 28.74428 | 28.66228 | 28.67028 | 28.60028 | 28.61928 | 28.55428 | 28.59028 | 28.57828 | 28.57528 | 28.48328 | 28.57828 | 28.610 | 28.603 |
| | S.D. .333 | .320 | .278 | .276 | .211 | .181 | .156 | .185 | .236 | .304 | .329 | .342 | .277 |
| | TOTAL OBS 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 07 | MEAN 28.73928 | 28.65928 | 28.67928 | 28.61128 | 28.63228 | 28.56328 | 28.60028 | 28.59128 | 28.58228 | 28.48728 | 28.58328 | 28.604 | 28.611 |
| | S.D. .337 | .322 | .279 | .279 | .211 | .184 | .159 | .188 | .238 | .304 | .328 | .341 | .278 |
| | TOTAL OBS 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 10 | MEAN 28.75128 | 28.66428 | 28.68028 | 28.60628 | 28.62228 | 28.55428 | 28.59228 | 28.58828 | 28.58428 | 28.49528 | 28.59328 | 28.616 | 28.612 |
| | S.D. .336 | .324 | .282 | .277 | .208 | .181 | .159 | .188 | .236 | .304 | .330 | .340 | .277 |
| | TOTAL OBS 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 13 | MEAN 28.73928 | 28.65628 | 28.65828 | 28.58728 | 28.60028 | 28.53528 | 28.57328 | 28.57228 | 28.57128 | 28.48428 | 28.58528 | 28.607 | 28.597 |
| | S.D. .332 | .323 | .280 | .272 | .203 | .178 | .157 | .184 | .233 | .301 | .331 | .335 | .275 |
| | TOTAL OBS 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| 16 | MEAN 28.73828 | 28.64328 | 28.64128 | 28.57128 | 28.58128 | 28.51828 | 28.55628 | 28.55528 | 28.55728 | 28.47528 | 28.58028 | 28.610 | 28.585 |
| | S.D. .329 | .319 | .276 | .266 | .202 | .172 | .154 | .179 | .231 | .298 | .332 | .335 | .273 |
| | TOTAL OBS 310 | 282 | 310 | 300 | 310 | 299 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 19 | MEAN 28.73628 | 28.64528 | 28.64228 | 28.57428 | 28.57828 | 28.51728 | 28.55428 | 28.55128 | 28.55728 | 28.47428 | 28.57828 | 28.606 | 28.584 |
| | S.D. .331 | .320 | .274 | .265 | .200 | .171 | .152 | .176 | .233 | .300 | .334 | .338 | .273 |
| | TOTAL OBS 310 | 282 | 310 | 300 | 310 | 299 | 310 | 310 | 300 | 310 | 300 | 310 | 3651 |
| 22 | MEAN 28.73728 | 28.65128 | 28.65128 | 28.59128 | 28.59728 | 28.53428 | 28.57128 | 28.56428 | 28.56428 | 28.48028 | 28.57828 | 28.603 | 28.593 |
| | S.D. .334 | .326 | .275 | .268 | .204 | .173 | .154 | .180 | .237 | .304 | .334 | .342 | .276 |
| | TOTAL OBS 310 | 282 | 310 | 300 | 310 | 300 | 310 | 310 | 300 | 310 | 300 | 310 | 3652 |
| ALL HOURS | MEAN 28.74128 | 28.65528 | 28.66128 | 28.59228 | 28.60428 | 28.54028 | 28.57728 | 28.57128 | 28.57028 | 28.48328 | 28.58128 | 28.608 | 28.598 |
| | S.D. .333 | .321 | .278 | .272 | .207 | .178 | .156 | .183 | .235 | .302 | .331 | .339 | .276 |
| | TOTAL OBS 2480 | 2256 | 2480 | 2400 | 2480 | 2398 | 2480 | 2480 | 2400 | 2480 | 2400 | 2480 | 29214 |

DATA PROCESSING DIVISION
USAF ETAC
AIR WEATHER SERVICE/MAC

MEANS AND STANDARD DEVIATIONS

SEA LEVEL PRESSURE IN MBS FROM HOURLY OBSERVATIONS

25218 FORT NELSON BC/MUSKWA DUT APT 57-66

| STATION | STATION NAME | YEARS | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | ANNUAL |
|-----------|--------------|-------|---|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|--------|
| 01 | | | MEAN 1021.91018.51017.91014.21014.01011.31017.41012.21012.71010.31014.11016.9 | | | | | | | | | | | | 1014.8 |
| | | | S.D. 12.22611.68510.179 9.897 7.562 6.413 5.497 6.485 8.45110.94812.10312.499 | | | | | | | | | | | | 10.309 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 04 | | | MEAN 1022.11018.51018.21014.51014.61011.71012.81012.51012.91010.41015.21017.0 | | | | | | | | | | | | 1015.0 |
| | | | S.D. 12.27911.71510.12510.002 7.647 6.481 5.540 6.569 8.44610.99011.99712.467 | | | | | | | | | | | | 10.313 |
| | | | TOTAL OBS 310 282 310 300 310 299 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3651 |
| 07 | | | MEAN 1022.01018.61018.71015.01014.91012.01013.11013.01013.31010.71015.51016.9 | | | | | | | | | | | | 1015.3 |
| | | | S.D. 12.36811.75410.20810.085 7.604 6.529 5.629 6.643 8.48910.98811.97212.433 | | | | | | | | | | | | 10.311 |
| | | | TOTAL OBS 310 282 310 300 310 299 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3651 |
| 10 | | | MEAN 1022.51018.81018.61014.51014.61011.71012.81012.91013.31010.91015.81017.3 | | | | | | | | | | | | 1015.3 |
| | | | S.D. 12.29411.81910.263 9.977 7.495 6.440 5.650 6.651 8.44010.94912.00912.393 | | | | | | | | | | | | 10.331 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 13 | | | MEAN 1021.91018.11017.71014.01013.81011.01012.11012.21012.71010.41015.41016.9 | | | | | | | | | | | | 1014.7 |
| | | | S.D. 12.15311.75210.171 9.805 7.294 6.357 5.587 6.509 8.33610.85612.04312.216 | | | | | | | | | | | | 10.232 |
| | | | TOTAL OBS 310 282 310 300 310 300 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3652 |
| 16 | | | MEAN 1021.91017.81017.11013.51013.21010.51011.51011.71012.31010.11015.31017.0 | | | | | | | | | | | | 1014.3 |
| | | | S.D. 12.05211.63510.031 9.603 7.243 6.168 5.483 6.344 8.25510.72112.07112.190 | | | | | | | | | | | | 10.190 |
| | | | TOTAL OBS 310 282 310 300 310 299 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3651 |
| 19 | | | MEAN 1021.91018.11017.31013.61013.61010.41011.51011.61012.41010.31015.31017.0 | | | | | | | | | | | | 1014.4 |
| | | | S.D. 12.13411.693 9.996 9.555 7.218 6.108 5.413 6.222 8.30610.79412.17412.324 | | | | | | | | | | | | 10.228 |
| | | | TOTAL OBS 310 282 310 300 310 299 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3651 |
| 22 | | | MEAN 1022.01018.31017.61014.21013.71010.91012.01012.01012.61010.41015.31016.9 | | | | | | | | | | | | 1014.6 |
| | | | S.D. 12.23311.9810.035 9.677 7.357 6.184 5.497 6.391 8.47710.94212.18712.475 | | | | | | | | | | | | 10.290 |
| | | | TOTAL OBS 310 282 310 300 310 299 310 310 300 310 300 310 300 310 | | | | | | | | | | | | 3651 |
| ALL HOURS | | | MEAN 1022.01018.31017.91014.21014.01011.71012.31012.31012.81010.41015.41017.0 | | | | | | | | | | | | 1014.8 |
| | | | S.D. 12.20211.73010.127 9.825 7.447 6.352 5.557 6.487 8.39610.88612.05412.358 | | | | | | | | | | | | 10.281 |
| | | | TOTAL OBS 2480 2256 2480 2400 2480 2395 2480 2480 2400 2480 2400 2480 2400 2480 | | | | | | | | | | | | 29211 |

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